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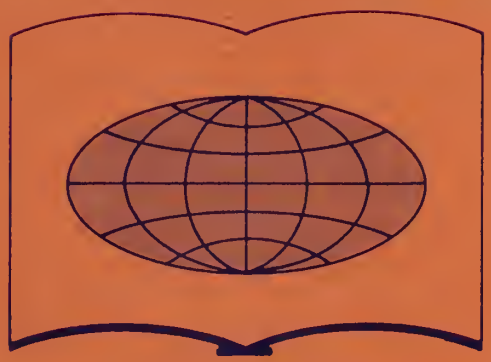

Volume 5 Number 26
December 26, 1969

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Publication of the Pesticides Documentation Bulletin is being discontinued upon completion of Volume 5, 1969, for budgetary reasons.

Users of the Pesticides Documentation Bulletin may wish to refer to the following publications for coverage of the pesticides literature:

Current Contents, Agricultural, Food & Veterinary Sciences, Institute for Scientific Information, Philadelphia

Biological Abstracts, Philadelphia

Chemical Abstracts, Columbus, Ohio

Health Aspects of Pesticides, USPHS, Communicable Disease Center, Atlanta, Georgia

John Sherrod

JOHN SHERROD, Director
National Agricultural Library

PESTICIDES DOCUMENTATION BULLETIN

Volume 5
December 26, 1969
Number 26

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

10 Entomology
20 Crop Protection
30 Livestock Protection
40 Commodity Protection
50 Environmental Contamination
55 Residues
60 Toxicology
65 Plant Physiology & Biochemistry
70 Chemistry
80 Engineering
90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

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Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

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The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested
Company furnishing the compound
Author or Investigator
Test Sponsor
Date
Location
Mode of Application
Rates of Application
Soil Types
Carriers
Crops or Weeds tested with phytotoxicity ratings
Associated documentation

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

PLEASE GIVE COMPLETE BIBLIOGRAPHIC INFORMATION AS IT APPEARS IN THIS PUBLICATION FOR EACH ITEM REQUESTED.

This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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ENTOMOLOGY

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M Eoff
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S E Flanders
Hilgardia 39(13):367-404 REF
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Anagasta kuehniella, Insect biology, Insect ecology, Insect rearing, Parasitism, Population, Tribolium confusum.

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Collembola, Head, Insect eggs, Insect histology, Insect physiology.

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J Med Entomol 6(3):286
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Carbon dioxide, Dermacentor albipictus, Insect behavior.

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A Ghazi-Bayat
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Dasychira selenitica, Economic conditions, Forest conservation, Insect biology, Insect ecology, Insect morphology, Leguminosae, Lymantriidae. English summary

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ADDITION TO THE KNOWLEDGE OF COLEOPHORIDAE II. STUDY OF THE MANLIKE GENITALIA OF COLEOPHORA HYSSOPI TOLL (LEP. COLEOPHORIDAE). (GE)
W Glaser
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Coleophora hyssopi, Coleophoridae, Insect physiology, Reproductive organs.

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W L Gojmerac C H Porter
Mosquito News 29(3):484-486
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Correlation, Culicidae, Light traps, Statistical analysis.

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J E Graham G C Collett
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Culex tarsalis, Insect vectors, Surveys, Western equine encephalomyelitis.

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Insect behavior, Insect nutrition, Insect physiology, Ovaries, Oviposition, Plutella maculipennis.

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Bombyx mori, Glands (insects), Insect physiology, Protein fibers, Ribosomes, Synthesis.

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Insect biochemistry, Luciferins, Luminescence, Oxidation, Photinus.

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M M Hosny S A El-Dessouki
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Cicadellidae, Cotton, Empoasca, Insect biology, Insect ecology, Nymphs, Zoogeography. German summary

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FURTHER DESCRIPTION OF A SUBLINE OF GRACE'S MOSQUITO (AEDES AEGYPTI L.) CELLS ADAPTED TO HEMOLYMPH-FREE MEDIUM.
S H Hsu H H Liu E C Suitor
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Aedes aegypti, Culture media, Cytology, Hemolymph, Phase-contrast microscopy, Tissue culture.

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Chemical control (insects), Coconuts, Electron microscopy, Granular insecticides, Insect diseases, Insecticide application, Larvae, Tenebrio molitor.

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I Igliseh
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Aphididae, Appelia, Brachycaudus spiraea, Chaetotaxy, Insect biology, Insect morphology, Insect pests, Insect taxonomy, Larvae, Spiraea bumalda, Spiraea vanhouttei. English summary

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L Joly P Joly A Porte
Acad Sci Compt Rend Ser D 269(9, 2ND SEMESTER):917-918
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Bluetongue, Culicidae, Culicoides variipennis, Epidemiology, Leptoconops, Sheep, Simuliidae, Surveys, Tabanidae.

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PRELIMINARY RESEARCH ON DROSOPHILA SIGMA VIRUS MULTIPLICATION IN INSECTS BELONGING TO DIFFERENT ORDERS. (FR
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Eetoparasites, Surveys, Turkeys, Wildlife.

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Arboviruses, Culex tarsalis, St. Louis eneephalitis, Surveys.

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Feeding, Insect behavior, Insect histology, Insect morphology, Insect physiology, Leaves, Phylloxera coccinea, Phylloxera glabra, Phylloxeridae, Quereus, Stylets, Tissues, Xylem. English summary

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F E Kurezewski N A Burdick G C Gaumer
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Crossoeerus, Food habits, Inseet behavior, Inseet biology, Insect nests.

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V Lavchiev
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Coprophilic insects, Diptera, Insect biology.

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V Lavchiev
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Corpora allata, Insect genetics, Insect physiology, Juvenile hormone, Termitidae.

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Cedrus, Insect biology, Tortricidae. English abstract.

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1967 449.8 Z36
Anthomyiidae, Dianthus barbatus, Dianthus caryophyllus, Diptera, Hylemya brunnescens, Hylemya cardui, Insect biology, Insect ecology, Inseet eggs, Larvae. English summary

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K A Loor G R DeFoliart
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Aedes triseriatus, Diagnosis, Inseet traps, Oviposition, Surveys.

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M D Martin J F Kinncar J A Thomson
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Calliphora stygia, Insect biochemistry, Inseet physiology, Larvae, Proteins, Spectrophotometry, Synthesis.

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J P Melou
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Chemical control (insects), Drosophilidae, Insecticide resistant inseets, Shock.

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Aedes stietieus, Chelonethida, Culicidae, Damalinia meyeri, Deer, Insect behavior, Lamprochernes nodosus, Mallophaga, Parasitic inseets, Phoresy.

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S Miyajima
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C D Morris G R DeFoliart
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Carbon dioxide, Culicidae, Light traps, Surveys.

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C Noirot C Bayon
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Cutiele, Eleetron mieroseopy, Inseet physiology.

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W P Olson
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C Palevody
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16 Jul 1969 505 P21
Collembola, Insect histology, Insect physiology, Oogenesis, Parthenogenesis.

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M T Peters B I Chevone R A Callahan
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Aedes aegypti, Culex pipiens, Larvae, Population, Statistical analysis.

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J J Peterson
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Aedes sollicitans, Aedes taeniorhynchus, Chlorides, Inorganic compounds, Oviposition, Psorophora confinnis, Repellency tests, Salts, Sodium.

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J J Peterson O R Willis
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Insect biology, Insect ecology, Orthopodomyia.

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Diurnal rhythm, Light, Pectinophora gossypiella, Photoperiodism, Spectrochemistry.

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M Postner
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Adelges abietis, Agevillea abietis, Aphididae, Cryptorhynchus lapathi, Forest insects, Formulations, Insect control, Insect outbreak forecasting, Insect pests, Insecticide application. English summary

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J W S Pringle R T Tregear
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Insect physiology, Lethocerus, Muscles, Oscillation, Tension.

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P M M Rae M M Green
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Cicadellidae, Insect vectors, Macrosteles fascifrons, Methodology, Saliva, Salivary glands.

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STUDIES ON BIOLOGY OF FERRISIA VIRGATA CKLL. PSEUDOCOCCIDAE: HOMOPTERA) IN MADHYA PRADESH.
R R Rawat B N Modi
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Insect biology, Pseudococcidae.

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Coccidae, Crop losses, India, Insect biology.

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A-P Ressouches
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Curculionidae, Insect eggs, Insect histology, Insect physiology.

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G Ricou
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Climate, Insect behavior, Insect ecology, Microorganisms, Population, Tipula paludosa, Tipulidae. English summary

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S M Saleh R F Harris O N Allen
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Bacillus thuringiensis, Ecology, Methodology, Soil microorganisms.

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Anesthesia, Carbon dioxide, Drosophila melanogaster, Ethyl ether, Insect physiology, Temperature.

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O R W Sutherland T E Mittler
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Acyrthosiphon pisum, Diet, Insect morphology, Insect nutrition, Insect rearing, Sex.

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R E Teakle
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Crop losses, Crop yields, Hail, Plant injuries, Tobacco.

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Apis mellifera, Dehydrogenases, Electrophoresis, Hemolymph, Insect biochemistry, Insect physiology, Spectrophotometry.

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M V Venkatesh
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Cicadidae, Insect behavior, Swarming.

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R K Washino F Shad-Del
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Autogeny, Culex, Insect biology, Reproduction.

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A NEW PARASITE OF CULEX PIPIENS L., ENTOMOPHTHORA DESTRUENS SP.N. (PHYCOMYCETES, ENTOMOPHTHORACEAE).
J Weiser A Batko
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Culex pipiens, Entomogenous fungi, Entomophthora destruens, Entomophthoraceae, Insect diseases, Insect eggs, Phycomycetes.

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D L von Winoeguth D A Eliason J W Kilpatrick W L Jakob

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Aedes aegypti, Habitats, Insect ecology, Larvae, Urbanization.

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J E Wright
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Anocentor nitens, Insect behavior, Insect physiology, Oviposition, Photoperiodism.

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G Kanarev
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Heterosis, Hybrids, Insect genetics, Bombyx mori.

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AN EXPERIMENTAL APPROACH TO THE STUDY OF MULTIPLE PEAK EPISTASIS IN DROSOPHILA MELANOGASTER.
R F Nassar
Australian J Biol Sci 22(4):925-933
Aug 1969 442.8 AU72
Drosophila melanogaster, Genes, Hair, Insect genetics, Insect rearing.

15438-69
THE SALIVARY GLAND CHROMOSOMES OF PROSIMULIUM MULTIDENTATUM TWINN AND THREE FORMS INCLUDED IN PROSIMULIUM MAGNUM (DYAR AND SHANNON) (DIPTERA: SIMULIIDAE).
P O Ottonen R Nambiar
Can J Zool 47(5):943-949 REF
Sep 1969 470 C16D
Chromosomes, Insect genetics, Morphology, Prosimulium, Salivary glands, Zoogeography.

15439-69
ORIENTATION AND SEGREGATION OF ASYNAPTIC MULTIPLE SEX CHROMOSOMES IN THE MALE OMOPHOITA CLERICA ERICHSON (COLEOPTERA: ALTICIDAE).
N Virkki
Hereditas 57(1-2):275-288 REF
1967 442.8 H42
Cell division, Chromosomes, Chrysomelidae, Insect genetics, Insect rearing, Omophoita clerica, Reproduction, Sex.

MEDICAL ENTOMOLOGY

15440-69
EFFECTIVENESS OF INSECTICIDAL RESIDUES ON U. S. ARMY. TENTING AGAINST ANOPHELES SSP..
R M Altman J B Gahan
Mosquito News 29(3):415-418
Sep 1969 421 M85
Anopheles, Chlordane, Dairy equipment, Diazinon, Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, O, DDT, Insecticide residues, Insecticides, Malathion, Mobam.

15441-69
THE EFFECTIVENESS OF FLIT MLO AGAINST AEDES TAENIORHYNCHUS LARVAE ON GRAND CAYMAN, BRITISH WEST INDIES.
J A Armstrong
Mosquito News 29(3):489-490
Sep 1969 421 M85
Aedes taeniorhynchus, Chemical control (insects), Larvae, Oils.

15442-69
LABORATORY TESTS OF THE SUSCEPTIBILITY OF MOSQUITO LARVAE TO INSECTICIDES IN FLORIDA, 1968.
A H Boike C B Rathburn
Mosquito News 29(3):392-395
Sep 1969 421 M85
Aedes aegypti, Aedes sollicitans, Aedes taeniorhynchus, Chemical control (insects), Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, O, Dimethyl phosphorothioate O,O-diester 4,4'-thiodiphenol, O, Fenthion, Insecticides, Larvae, Malathion, Naled.

15443-69
JAPANESE ENCEPHALITIS VIRUS IN TAIWAN: PRELIMINARY EVIDENCE FOR CULEX ANNULUS THEOB. AS A VECTOR.
M D Cates R Detels
J Med Entomol 6(3):327-328
Aug 1969 421 J828
Culex, Disease transmission, Insect vectors, Japanese b encephalitis virus, Population, Surveys.

15444-69
THE RELATION OF VIRUS TAHYNA TO SOME SPECIES OF MOSQUITOES OF THE GENERA AEDES, CULEX AND ANOPHELES.
V Danielova
Folia Parasitol 13(2):97-102
1966 436.8 C33
Aedes, Anopheles, Culex, Culicidae, Culiseta annulata, Insect vectors, Tahyna virus.

15445-69
SEASONAL DISTRIBUTION OF MOSQUITOES OF HANCOCK COUNTY, MISSISSIPPI, 1964--1968.
F W Harden B J Poolson
Mosquito News 29(3):407-414 REF
Sep 1969 421 M85
Culicidae, Population, Seasonal variation, Surveys.

15446-69
SIMULATED FIELD TESTS WITH OVICIDES AGAINST AEDES AEGYPTI EGGS IN TIRES AND CANS.
W L Jakob
Mosquito News 29(3):402-407
Sep 1969 421 M85
Aedes aegypti, Amines, Cans, Chemical control (insects), Insect eggs, Ovicides.

15447-69
AN EVALUATION OF THE MOSQUITO CONTROL PROGRAM IN A SMALL MIDWESTERN URBAN COMMUNITY.
H Kessler C W Wingo
Mosquito News 29(3):446-450
Sep 1969 421 M85
Chemical control (insects), Evaluation, Fenthion, Larvicides.

15448-69
CHEMOSTERILANTS FOR CONTROL OF REPRODUCTION IN THE EYE GNAT (HIPPELATES COLLUSOR) AND THE MOSQUITO (CULEX QUINQUEFASCIATUS).
M S Mulla
Hilgardia 39(10):297-324 REF
Jul 1968 100 C12H
Apholate, Carboxyamides, Chemical control (insects), Chemosterilants, Culex pipiens quinquefasciatus, Hippelates collusor, Metepa, Reproduction, Tepa.

15449-69
SOME OBSERVATIONS ON HYDRA AMERICANA HYMEN AS A PREDATOR OF CULEX PEUS SPEISER MOSQUITO LARVAE.
A H Qureshi E C Bay
Mosquito News 29(3):465-471
Sep 1969 421 M85
Biological control (insects), Culex, Larvae, Predators.

15450-69
A STUDY OF FACTORS AFFECTING THE SUSCEPTIBILITY OF MOSQUITO LARVAE TO INSECTICIDES IN LABORATORY RESISTANCE TESTS.
C B Rathburn A H Boike
Mosquito News 29(3):395-401
Sep 1969 421 M85
Aedes aegypti, Aedes taeniorhynchus, Culex nigripalpus, Culex salinarius, Dimethyl phosphorothioate O,O-diester 4,4'-thiodiphenol, O, Fenthion, Insecticide resistant insects, Insecticides, Larvae, Malathion, Naled, Temperature.

15451-69
EFFECTS OF ULTRAVIOLET RADIATION ON ADULTS OF AEDES AEGYPTI (L.) (DIPTERA: CULICIDAE).
D F Riordan
Mosquito News 29(3):427-431
Sep 1969 421 M85
Aedes aegypti, Imagos, Insect control, Laboratory equipment, Mortality, Sterility, Ultraviolet rays.

15452-69
COMPARISON OF LARVAL BIOASSAY AND CHEMICAL ANALYSIS FOR ASSESSING AERIAL SPRAY DEPOSITS.
C H Schaefer A F Geib W H Wilder P A Gillies
Mosquito News 29(3):371-376
Sep 1969 421 M85
Aerial spraying, Biological assay, Chemical analysis, Chromatography, Culex pipiens quinquefasciatus, Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, O, Insecticide residues, Larvae.

15453-69
THE MOSQUITOES OF THE DAR-ES-SALAAM AREA, TANZANIA, WITH SPECIAL REFERENCE TO AEDES (STEGOMYIA) SPECIES AND THE EPIDEMIOLOGY OF YELLOW FEVER.
G Surtees
J Med Entomol 6(3):317-320 MAP REF
Aug 1969 421 J828
Aedes, Disease transmission, Habitats, Surveys, Yellow fever.

15454-69
ESTERASE ACTIVITY IN ORGANOPHOSPHORUS- TOLERANT STRAINS OF AEPES AEGYPTI.
M Ziv W A Brown
Mosquito News 29(3):456-461 REF
Sep 1969 421 M85
Aedes aegypti, Chemical control (insects), Electrophoresis, Esterases, Insect biochemistry, Insecticides, Malathion, Parathion, Tolerances.

CROP PROTECTION

15455-69
PEST AND DISEASE CONTROL SCHEDULES.
Anonymous
Plant Protect Bull 19(1):1-5
1967 421 P69
Benzene hexachloride, Chemical control (pests), Chemical control (plant diseases), Corn, D, 2,4-, DDT, Endrin, Malathion, Pest control, Plant disease control, Wheat, Zinc phosphide.

15456-69
THE SAPROPHYTIC FUNGUS HYSTEROGRAPHIUM MORI (SCHW.) REHM, GROWING ON JUNIPERUS, A NEW SPECIES FOR CZECHOSLOVAKIA. (CZ
K Dolejs
Praze Sb Vysoke Sk Zemed (SER A):77-85 REF
1966 S13.P72
Fungus diseases (plants), Juniperus, Plant geography, Plant taxonomy, Saprophytic fungi. German and Russian summaries.

15457-69
METHODS OF APPLICATION FOR THE USE OF LIQUID PRODUCTS IN SOIL FUMIGATION. (GE)
H Lenzner
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):224-225
Jan 1969 410.9 G31M
Methodology, Pesticide application, Soil fumigation. English abstract.

15458-69
THE APPLICATION TECHNIQUE OF GRANULATED SOIL FUMIGANTS. (GE
A Schneider H Will J Kradel
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):226-230
Jan 1969 410.9 G31M
Methodology, Pesticide application, Soil fumigation. English abstract.

15459-69
DETERMINATION OF INDOLE DERIVATIVES IN PLANT MATERIAL. VIII. THE CONTENT OF GLUCOBRASSICINE IN VARIOUS RACES OF BRASSICA OLERACEA VAR. SABAUDA AND BRASSICA OLERACEA VAR. CAPITATA L. AND ITS RELATION TO THE GROWTH IN THESE PLANTS. (CZ
M Valenta
Praze Sb Vysoke Sk Zemed (SER A):29-42 REF
1966 S13.P72
Brassica oleraeea, Cabbage, Indole compounds, Plant biochemistry, Plant physiology, Plant regulators, Plant tissues. English and Russian summaries.

15460-69
DETERMINING THE INDOLE DERIVATIVES IN THE NATURAL MATERIAL. VII. FLUORIMETRIC DETERMINATION OF THE INDOLE-3-ACETIC ACID, INDOLE-3-PROPIONIC ACID AND INDOLE-3-BUTYRIC ACID. (CZ
M Valenta M Kutacek
Praze Sb Vysoke Sk Zemed (SER A):19-27 REF
1966 S13.P72
Fluorometry, Indoleacetic acid, Indolebutyric acid, Plant biochemistry, Plant extracts, Propionic acid, Vegetables. English and Russian summaries.

15461-69
ECONOMIC APPLICATION OF PESTICIDES IN GLASS-HOUSES. (GE)
E Wendland H Junker H Kees
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):220-223
Jan 1969 410.9 G31M
Greenhouses, Methodology, Pesticide application. English abstract

15462-69
MATURATION OF SCLEROTIA PRODUCED BY SCLEROTIUM ROLFSII.
L Wu
Int Congress Photobiol Abs 5:40
1968 QH651.I5
Biosynthesis, Carotenoids, Fungi, Light, Melanins, Oxygen, Pigments (plant), Plant physiology, Sclerotium rolfsii.

DISEASES

15463-69
OBSERVATIONS ON THE GLADIOLUS NECROTIC DISEASE. (FR)
J. Albouy
Ann Epiphyt 19(OUTSIDE SERIES):189-195
1968 464.9 F84AN
Gladiolus, Necrosis, Soil-borne plant diseases, Virus diseases (plants). English and German abstracts.

15464-69
CATTLE MASTITIS BREAKTHROUGH.
Anonymous
Agr Soc Trinidad Tobago J 69(1):555-557
Mar 1969 8 T73
Antibiotics, Cattle, Dipping, Hypochlorites, Livestock diseases, Mastitis.

15465-69
PURIFICATION OF TURNIP YELLOW MOSAIC VIRUS REPLICASE IN A FORM DEPENDENT ON THE MODEL. (FR)
S Astier-Manifacier P Cornuet
Acad Sci Compt Rend Ser D 269(11, 2ND SEMESTER):1039-1042
15 Sep 1969 505 P21
Biochemistry, Yellow mosaic (turnips).

15466-69
EFFICIENCY OF THE SEROLOGICAL MICROMETHOD APPLIED TO DETERMINATION OF THE SOUNDNESS OF POTATO SEEDINGS. (FR)
H Augier J Hir P Corre P Lann
Ann Epiphyt 18:217-226
1967 464.9 F84AN
Agar, Culture media, Diagnosis, Immunology, Potatoes, Serological tests, Virus diseases (plants), Virus Y. English and German summaries

15467-69
HOW TO COLLECT, PREPARE AND SHIP PLANT MATERIAL FOR DISEASE IDENTIFICATION.
R Aycock H R Garriss J C Wells
N C Pesticide Manual 00(00):18-19
1968 79.8 N81
Antibiotics, Chemical control (plant diseases), Copper fungicides, Diagnosis, Fumigants, Fungus diseases (plants), Literature, Mercury compounds, Organic compounds, Plant diseases, Sulfur compounds, Surveys.

15468-69
HOW TO COLLECT, PREPARE AND SHIP PLANT MATERIAL FOR DISEASE IDENTIFICATION.
R Aycock H R Garriss J C Wells
N C Pesticide Manual 00(00):18-22
1967 79.8 N81
Fungicides, Plant diseases, Plant storage.

15469-69
ORNAMENTAL AND FLORAL CROPS DISEASE CONTROL.
R Aycock R D Milholland J C Wells H R Garriss
N C Pesticide Manual 00(00)92-96
1968 79.8 N81
Chemical control (plant diseases), Crops, Fungicides, Fungus diseases (plants), Nematocides, Ornamental plants, Pesticide application, Plant disease control, Plant nematodes, Surveys.

15470-69
RNA SYNTHESIS IN TOBACCO LEAVES INFECTED WITH TOBACCO MOSAIC VIRUS.
P Babos G B Shearer
Virology 39(2):286-295 REF
Oct 1969 448.8 V81
Leaves, Plant biochemistry, Ribonucleic acid, Synthesis, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15471-69
CONTRIBUTION TO THE STUDY OF SOYBEAN BACTERIAL DISEASE IN WESTERN SERBIA. (CZ)
M Babovic R Numic
Zastita Bilja 12(91-92):331-335 REF
1966 464.8 Z1
Acids, Bacterial diseases (plants), Culture media, Morphology, Nicotiana glutinosa, Pseudomonas glycinea, Pseudomonas tabaci, Soybeans, Tobacco. English summary

15472-69
EVIDENCE THAT DOWNY MILDEW (SCLEROSPORA SORGHI) OF SORGHUM IS SEEDBORNE.
D C Bain W W Alford
Plant Dis Rep 53(10):802-803
Oct 1969 1.9 P69P
Fungus diseases (plants), Sclerospora sorghi, Seedborne plant diseases, Sorghum.

15473-69
A SURVEY AND CAUSAL ORGANISMS OF TWIG BLIGHT DISEASE OF MANDARIN ORANGES IN DARJEELING DISTRICT, WEST BENGAL, INDIA.
S K Banerjee S K Mukherji
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(6):350-354
Jun 1967 464.8 Z3
Citrus, Colletotrichum gloeosporioides, Fungus diseases (plants), Fusarium solani, Fusarium stilboides, Mandarin oranges, Twig blight.

15474-69
INCIDENCE OF MACROPHOMINA PHASEOLI (MAUBL.) ASH., (RHIZOCTONIA BATATICOLA TAUB.) IN FRENCH BEANS (PHASEOLIS VULGARIS L.) AND OTHER CULTIVATED PLANTS.
M Barreto Figueiredo J Teranishi R M G Cardoso
Biologico 35(5):105-109 REF
May 1969 442.8 B529
Beans, Fungus diseases (plants), Macrophomina phaseoli, Myeology, Surveys.

15475-69
RESEARCH INTO STEM PITTING, SPY EPINASTY AND CHLOROTIC LEAF SPOT OF APPLES. (GER)
G Baumann
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):645-659 REF
Nov 1967 464.8 Z3
Apples, Chlorotic leafspot, Crabapples, Decline, Epinasty, Injections, Stem pitting, Virus diseases (plants). English summary

15476-69
THE CURRENT STATUS OF THE KNOWLEDGE OF THE X GROUP OF POTATO VIRUSES. (GE)
R Bercks
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):204-208 REF
1969 448.3 C33 (1)
Morphology, Mosaic, Physiology, Potatoes, Reviews, Virus diseases (plants), Virus X. English abstract.

15477-69
INFLUENCE OF SOME PESTICIDES ON VARIOUS SOURCES OF YEAST. (FR
P Bidan M Demeaux
Phytiat-phytopharm 15(3):147-163
1966 464.8 P564
Chlorinated hydrocarbons, DDT, Fermentation, Fungicides, Pesticides, Yeasts.

15478-69
STEM CANKER. I. OBSERVATIONS ON KNOBBY SECOND GROWTH.
H G Blanco J Casado Montojos
Rubber Res Inst Malaya Plant Bull (102):103-104
May 1969 78.9 R825

Cultural control (plant diseases), Fungus diseases (plants), Hevea, Humidity, Petrolatum, Phytophthora, Plant diseases, Plant nutrition, Plant physiology, Potatoes, Pythium, Temperature.

15479-69
PHYSIOLOGICAL DISEASES IN POTATOES (SOLANUM TUBEROSUM L.). I. OBSERVATIONS ON KNOBBY SECOND GROWTH.
H G Blanco J Casado Montojos
Biologico 35(5):110-115 REF
May 1969 442.8 B529
Humidity, Plant diseases, Plant nutrition, Plant physiology, Potatoes, Temperature.

15480-69
THE RASPBERRY RINGSPOT VIRUS AND ITS CELL INCLUSION BODIES. (GE
M Bujas D Millicic
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 1 Orig 123(3):209-213
1969 448.3 C33 (1)
Inclusion bodies, Plant physiology, Raspberries, Ring spot, Virus diseases (plants). English abstract.

15481-69
AN ANTHRACNOSE OF CELERY CAUSED BY COLLETOTRICHUM ORBICULARE (BERK. AND MONT.) ARX.
D J Burden
Queensland J Agr Anim Sci 26(2):277-281
Jun 1969 23 Q37
Anthracnose, Celery, Colletotrichum, Diagnosis, Fungus diseases (plants), Pathogenicity.

15482-69
RESISTANCE OF THE RED BEET CULTIVAR AVONEARLY TO INFECTION BY PERONOSPORA FARINOSA F.SP. BETAE.
A G Channon
Plant Pathol 18(2):89-93
Jun 1969 464.8 P692
Beets, Cultural control (plant diseases), Fungus diseases (plants), Peronospora farinosa, Plant disease resistance, Roots, Seeds, Temperature.

15483-69
MECHANISM OF PHOTOREACTIVATION OF PLANT VIRUSES.
M Chessin A K Mukherjee
Int Congress Photobiol Abs 5:47
1968 QH651.I5
Photochemistry, Temperature, Virology, Virus diseases (plants).

15484-69
STRAWBERRY DISEASE CONTROL.
C N Clayton J C Wells
N C Pesticide Manual 00(00):78
1968 79.8 N81
Captan, Fungicides, Fungus diseases (plants), Nematocides, Pesticide application, Plant disease control, Plant nematodes, Strawberries, Thiram.

15485-69
APPLE SPRAY PROGRAM.
C N Clayton J Falter
N C Pesticide Manual 00(00):68-69
1967 79.8 N81
Apples, Fungicides, Orchards, Spraying.

15486-69
BUNCH GRAPE SPRAY PROGRAM.
C N Clayton H R Garriss J Falter
N C Pesticide Manual 00(00):70
1967 79.8 N81
Anthracnose, Chemical control (insects), Chemical control (plant diseases), Fungus diseases (plants), Grapes, Insect control, Spraying.

15487-69
STUDY OF THE FIRST STAGES OF THE INFECTION OF (VINCA ROSEA) L. BY (CLOVER,PHYLLODY) VIRUS FROM IT INOCULATED POINT BY MEANS OF GRAFTING. (FR)
M T Cousin C Grison
Ann Epiphyt 18:183-188
1967 464.9 F84AN
Clover, Injections, Nodules (plants), Phyllody, Plant disease transmission, Plant grafting, Vinca rosea, Virus diseases (plants). English and German summaries

15488-69
INFECTION OF BEAN ROOT- MERISTEMS BY TOBACCO RINGSPOT VIRUS.
N C Crowley E M Davison R I B Francki G K Owusu
Virology 39(2):322-330 REF
Oct 1969 448.8 V81
Electron microscopy, Peas, Plant cytology, Plant physiology, Ring spot, Roots, Tobacco, Virus diseases (plants).

15489-69
OBSERVATION ON NEGATIVELY STAINED TOBACCO RINGSPOT VIRUS AND ITS TWO RNA-DEFICIENT COMPONENTS.
E M Davison R I B Francki
Virology 39(2):235-239 REF
Oct 1969 448.8 V81
Electron microscopy, Ribonucleic acid, Ring spot, Staining, Tobacco, Virus diseases (plants).

15490-69
IDENTIFICATION, PURIFICATION AND IMMUNO-ELECTROPHORETIC ANALYSIS OF THE CARNATION MOTTLE AND RINGSPOT VIRUSES. (FR
J C Devergne L Cardin
Ann Epiphyt 18:65-83 REF
1967 464.9 F84AN
Agar, Antigens, Centrifugation, Culture media, Dianthus caryophyllus, Electrophoresis, Immunology, Morphology, Mottle, Ring spot, Serological tests, Virology, Virus diseases (plants). English and German summary

15491-69
UTILIZATION OF THE SEROLOGICAL REACTION IN IMMUNODIFFUSION FOR THE CARNATION MOTTLE VIRUS AS A DIAGNOSTIC TEST. (FR)
J C Devergne L Cardin
Ann Epiphyt 18:85-103 REF
1967 464.9 F84AN
Agar, Antigens, Chenopodium, Culture media, Diagnosis, Dianthus caryophyllus, Immunology, Indexing, Mottle, Mottle (carnations), Serological tests, Virus diseases (plants). English and German summaries

15492-69
RECOGNITION OF THE BLOTTING BACTERIA OF SOLANUM FROM THE FRENCH WEST INDIES. (FR)
B Digat A Escudie
Phytiat-phytopharm 16(3):187-197 REF
Sep 1967 464.8 P564
Acetic acid, Agglutination, Bacterial diseases (plants), Pseudomonas solanacearum, Serological tests, Solanum.

15493-69
CHANGES IN THE REACTION TO POWDERY MILDEW OF CERTAIN BARLEY CULTIVARS.
D A Doling
Plant Pathol 18(2):56-61
Jun 1969 464.8 P692
Barley, Erysiphe graminis, Fungus diseases (plants), Genes, Plant disease resistance, Plant physiology, Powdery mildew.

15494-69
A RAPID METHOD OF IDENTIFICATION OF PRUNUS NECROTIC RING SPOT. (FR)
J Dunez
Ann Epiphyt 18:115-124 REF
1967 464.9 F84AN
Chenopodium quinoa, Diagnosis, Indexing, Leaves, Methodology, Necrotic ring spot, Peaches, Plant ecology, Plant extracts, Prunus, Serological tests, Trees, Virus diseases (plants). English and German summaries

15495-69
CHRYSANTHEMUM ASPERMY VIRUS, SYMPTOMS AND DIAGNOSTIC. (FR)
J Dunez M Monsion
Ann Epiphyt 18:105-113
1967 464.9 F84AN
Aspermy, Chrysanthemum, Diagnosis, Mosaic, Petunia hybrida, Plant extracts, Serological tests, Virus diseases (plants). English and German summaries

15496-69
POSSIBILITIES OF FREEING CHRYSANTHEMUMS FROM MOSAIC AND ASPERMY VIRUSES. (FR)
J. Dunez M. Monsion
Ann Epiphyt 19(OUTSIDE SERIES):165-175 REF
1968 464.9 F84AN
Aspermy, Chrysanthemum, Heat treatment, Mosaic, Petunia, Virus diseases (plants). English and German abstracts.

15497-69
PERSISTENCE OF THE INHIBITORY EFFECT OF MINERAL OIL IN REGARD TO THE TRANSMISSION OF BEET YELLOWS VIRUS BY APHIDS. (FR
A Dutrecq J Vanderveken
Gembloux Inst Agron Bull Etat Ser Extraordinaire 4(1):66-75
1969 105.1 G285
Beets, Disease transmission, Inhibitors, Myzus persicae, Oils, Virus diseases (plants), Yellows. English abstract.

15498-69
INFLUENCE OF FUNGICIDES AND INSECTICIDES ON THE OCCURENCE OF ASPERGILLUS ON PEANUT SEEDLINGS. II. SEED TREATMENTS. (GE)
M El-Khadem
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):151-160
Mar 1968 464.8 Z3
Aspergillus, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Insecticides, Peanuts, Plant morphology, Seed treatment, Seedlings, Thiram, Toxicology.

15499-69
SOME OBSERVATIONS ON THE PRESENCE OF CORYNEBACTERIUM FASCIANS (TILFORD) DOWSON IN MARKETABLE AND FLORAL CULTIVATION IN FRANCE. (FR)
A Faivre-Amiot
Phytiat-phytopharm 16(3):165-176
Sep 1967 464.8 P564
Bacterial diseases (plants), Corynebacterium fascians, Crops, Dahlia, Plant galls, Strawberries, Wood decay.

15500-69
EFFECT OF MAIZE DWARF MOSAIC VIRUS INFECTION ON INVASION OF CORN PLANTS BY FUSARIUM MONILIFORME.
M C Futrell G E Scott
Plant Dis Rep 53(8):600-602
Aug 1969 1.9 P69P
Corn, Dwarf disease, Fungus diseases (plants), Fusarium moniliforme, Mosaic, Virus diseases (plants).

15501-69
IN-ROW FUNGICIDES FOR SEEDLING DISEASE CONTROL IN COTTON.
H R Garriss W E Cooper
N C Pesticide Manual 00(00)51
1967 79.8 N81
Cotton, Fungicides, Plant diseases, Seedlings.

15502-69
VEGETABLE SEED TREATMENT.
H R Garriss J C Wells S F Jenkins D L Strider L W Nielsen
N C Pesticide Manual 00(00):138-139
1968 79.8 N81

Chemical control (plant diseases), Fungus diseases (plants), Pesticide application, Plant diseases, Vegetables.

15503-69
DEWBERRY AND RASPBERRY FUNGICIDAL SPRAY PROGRAMS.
H R Garriss C N Clayton
N C Pesticide Manual 00(00):75
1968 79.8 N81
Berries, Bordeaux mixture, Chemical control (plant diseases), Ferbam, Fungicides, Fungus diseases (plants), Raspberries.

15504-69
VEGETABLE CROP SPRAY AND DUST SCHEDULE FOR DISEASE CONTROL.
H R Garriss J C Wells S F Jenkins D L Strider L W Nielsen
N C Pesticide Manual 00(00):127-130
1968 79.8 N81
Chemical control (plant diseases), Dusting, Fungicides, Fungus diseases (plants), Pesticide application, Spraying, Vegetables.

15505-69
FIELD CROP SEED TREATMENT.
H R Garriss J C Wells T T Herbert W E Cooper
N C Pesticide Manual 00(00):59-60
1968 79.8 N81
Chemical control (plant diseases), Field crops, Fungus diseases (plants), Plant diseases, Seed treatment, Surveys.

15506-69
IN-ROW FUNGICIDES FOR SEEDLING DISEASE CONTROL IN COTTON.
H R Garriss W E Cooper
N C Pesticide Manual 00(00):53
1968 79.8 N81
Chemical control (plant diseases), Cotton, Fungicides, Fungus diseases (plants), Seedling disease (cotton).

15507-69
CHEMICALS FOR CONTROL OF PLANT DISEASES.
H R Garriss J C Wells
N C Pesticide Manual 00(00):15-17
1967 79.8 N81
Antibiotics, Chemical control (plant diseases), Fumigants, Plant diseases.

15508-69
VEGETABLE SEED TREATMENT.
H R Garriss J C Wells D L Strider L W Nielsen
N C Pesticide Manual 00(00):135-136
1967 79.8 N81
Mercury compounds, Seed treatment, Seed-borne plant diseases, Thiram, Vegetables.

15509-69
DEWBERRY AND RASPBERRY FUNGICIDAL SPRAY PROGRAMS.
H R Garriss C N Clayton
N C Pesticide Manual 00(00):72
1967 79.8 N81
Berries, Ferbam, Fungicides, Lime-sulfur, Spraying.

15510-69
VEGETABLE CROP SPRAY AND DUST SCHEDULE FOR DISEASE CONTROL.
H R Garriss J C Wells S F Jenkins D L Strider L W Nielsen
N C Pesticide Manual 00(00):124-127
1967 79.8 N81
Chemical control (plant diseases), Dusting, Fungicides, Spraying, Vegetables.

15511-69
SWEET POTATO STORAGE HOUSE STERILIZATION.
H R Garriss L W Nielsen D V Phillips
N C Pesticide Manual 00(00):119
1967 79.8 N81
Chloropicrin, Fumigation, Mercury, Storage diseases, Sulfur, Sweetpotatoes.

15512-69
FIELD CROP SEED TREATMENT.
H R Garriss J C Wells T T Hebert W E Cooper
N C Pesticide Manual 00(00):57-58
1967 79.8 N81
Chemical control (plant diseases), Crops, Seed treatment, Seed-borne plant diseases.

15513-69
AN ISOLATE OF NEW RACE 50 OF ERYSIPHE GRAMINIS F. SP. TRITICI ATTACKING THREE WHEAT RESISTANCE SOURCES.
M S Ghemawat
Plant Dis Rep 53(10):834-837 REF
Oct 1969 1.9 P69P
Erysiphe graminis, Fungus diseases (plants), Plant disease resistance, Wheat.

15514-69
ACTION OF THIABENDAZOLE COMPARED TO THAT OF ETHYLPARATHION ON RYE-GRASS CROWN RUST. (FR)
J Gondran
Phytiat-phytopharm 15(3):171-175
1966 464.8 P564
Chemical control (plant diseases), Crown rust, Ethyl parathion, Fungicides, Fungus diseases (plants), Lolium, Organophosphorus compounds, Thiabendazole.

15515-69
VIRUSES INFECTING CUCURBITS IN QUEENSLAND.
R S Greber
Queensland J Agr Anim Sci 26(2):145-171 REF
Jun 1969 23 Q37
Cucurbits, Insect vectors, Mosaic, Pumpkins, Squash, Virology, Virus diseases (plants).

15516-69
ATTEMPTS AT FIGHTING THE BACTERIAL GROWTH OF THE WALNUTTREE. (FR)
J Grente P J Aversenq
Phytiat-phytopharm 16(3):177-186
Sep 1967 464.8 P564
Bacterial diseases (plants), Humidity, Juglans, Oxytetracycline, Streptomycin, Tree diseases, Xanthomonas juglandis.

15517-69
ASSOCIATION OF TOBACCO RATTLE VIRUS WITH MITOCHONDRIA.
B D Harrison I M Roberts
J Gen Virol (3,PT 1):121-124
Jul 1968 QR360.A1J6
Mitochondria, Rattle disease, Tobacco, Virus diseases (plants).

15518-69
ON THE TRANSMISSION OF TOMATO BLACK RING VIRUS BY LONGIDORUS ATTENUATUS (NEMATODA).
D Harrison
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):226-229 REF
1969 448.3 C33 (1)
Black ring, Cucumbers, Longidorus, Plant disease transmission, Plant nematodes, Tomatoes, Virus diseases (plants).

15519-69
PHOTOREACTIVATION SPECTRUM OF TOBACCO MOSAIC VIRUS-RIBONUCLEIC ACID INACTIVATED BY ULTRAVIOLET RADIATION.
O Hidalgo-Salvatierra A D McLaren
Int Congress Photobiol Abs 5:49
1968 QH651.I5
Mosaic, Photochemistry, Radiation, Ribonucleic acid, Spectrochemistry, Tobacco, Ultraviolet rays, Virus diseases (plants).

15520-69
THE INFLUENCE OF THE APHID FORAGE PLANT ON THE VECTOR CAPACITY OF APHIDS. (GE)
B Hinz
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):230-236
1969 448.3 C33 (1)
Insect vectors, Leaf roll, Mosaic, Myzus persicae, Plant disease transmission, Virus diseases (plants), Yellows. English abstract.

15521-69
AN INCUBATOR USEFUL FOR CULTURING OLPIDIUM BRASSICAE FOR TRANSMISSION OF PLANT VIRUSES.
C Hiruki
Virology 39(2):333-335 REF
Oct 1969 448.8 V81
Incubators, Laboratory equipment, Olpidium brassicae, Plant disease transmission, Virus diseases (plants).

15522-69
PURIFICATION AND SEROLOGICAL REACTIONS OF FOUR POLYHEDRAL VIRUSES FROM CRUCIFERAE.
M Hollings O M Stone
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):237-248 REF
1969 448.3 C33 (1)
Brassica, Cruciferae, Electron microscopy, Polyhedroses, Purification, Serological tests, Virus diseases (plants).

15523-69
CROSS PROTECTION TEST WITH FOUR STRAINS OF POTATO VIRUS Y IN NICOTIANA TABACUM L. CV. SAMSUN.
J Horvath
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):249-252 REF
1969 448.3 C33 (1)
Interference phenomenon, Plant disease resistance, Potatoes, Tobacco, Virus Y.

15524-69
CEPHALOSPORIUM GRAMINEUM CAUSING LEAF STRIPE IN GRASSES, AND ITS SPORODOCHIAL STAGE, HYMENULA CEREALIS, ON CEREALS AND GRASSES.
M J Howell P A Burgess
Plant Pathol 18(2):67-70 REF
Jun 1969 464.8 P692
Avena fatua, Bromus, Cephalosporium gramineum, Dactylis glomerata, Fungus diseases (plants), Grain, Grasses, Stripe.

15525-69
NEW OR UNCOMMON PLANT DISEASES OR PESTS.
D R Humphreys-Jones
Plant Pathol 18(2):96
Jun 1969 464.8 P692
Alternaria, Cruciferae, Fungus diseases (plants), Leaf spot, Seedlings.

15526-69
STABILIZATION OF PURIFIED POTATO VIRUS X BY DEXTRAN T-10 DURING LYOPHILIZATION.
E Jermoljev L Albrechtova
Biol Plant 11(5):375-380
1969 450 B52
Dextrans, Lyophilization, Potatoes, Virus diseases (plants), Virus X.

15527-69
INTERACTION BETWEEN VIRAL RNA AND CELLULAR COMPONENTS IN TOBACCO LEAVES INFECTED WITH TOBACCO MOSAIC VIRUS.
Y Kiho
Jap J Microbiol 13(3):312-314
Sep 1969 448.8 J273
Plant cytology, Plant extracts, Ribonucleic acid, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15528-69
FINE STRUCTURE OF ZINNIA LEAF TISSUES INFECTED WITH DAHLIA MOSAIC VIRUS.
E W Kitajima J A Lauritis H Swift
Virology 39(2):240-249 REF
Oct 1969 448.8 V81

Dahlia, Electron microscopy, Mosaic, Plant cytology, Plant disease transmission, Virus diseases (plants), Zinnias.

15529-69
DARK REACTIVATION OF UV-IRRADIATED TOBACCO NECROSIS VIRUS.
A Kleczkowski
Int Congress Photobiol Abs 5:119
1968 QH651.I5
Chenopodium, Irradiation, Necrosis, Photochemistry, Tobacco, Ultraviolet rays, Virus diseases (plants).

15530-69
RESEARCH CONCERNING THE APPEARANCE AND ACTIVITY OF PECTOLYTIC AND CELLULOLYTIC ENZYMES OF PHYTOPATHOGENIC BACTERIA. (GER)
D Knosel
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(3):150-155
Mar 1967 464.8 Z3
Bacterial diseases (plants), Cellulose, Chromatography, Culture media, Erwinia, Pectinase, Plant enzymes, Pseudomonas, Xanthomonas. English summary

15531-69
PURIFICATION AND ELECTRON MICROSCOPY OF POTATO LEAFROLL VIRUS.
M Kojima E Shikata M Sugawara D Murayama
Virology 39(2):162-174 REF
Oct 1969 448.8 V81
Electron microscopy, Leaf roll, Potatoes, Virus diseases (plants), Virus purification.

15532-69
PRELIMINARY RESULTS ON THE INFLUENCE OF WETTING AGENTS ON THE BIOLOGICAL EFFECT OF FUNGICIDES. (GE)
J Kradel N Drescher E-H Pommer G Synnatschke
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):212-215
Jan 1969 410.9 G31M
Fungicides, Plant protection, Wetting agents. English abstract

15533-69
VIRUS DISEASES OF HORTICULTURAL PLANTS IN DENMARK.
H R Kristensen
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):253-258
1969 448.3 C33 (1)
Cultural control (plant diseases), Fruit, Surveys, Vegetables, Virus diseases (plants).

15534-69
THE EFFECT OF TEMPERATURE ON THE ATTACK OF CERCOSPORELLA HERPOTRICHOIDES FRON. (GER)
M Lange De Camp
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):267-276
1967 464.8 Z3
Cercosporella herpotrichoides, Fungus diseases (plants), Grain, Temperature. English summary

15535-69
HEAT TREATMENT OF TOMATO SEEDS. (FR)
H Laterrot P Pecaut
Ann Epiphyt 19(OUTSIDE SERIES):159-164
1968 464.9 F84AN
Heat treatment, Seed treatment, Tobacco mosaic virus, Tomatoes, Virus diseases (plants). English and German abstracts.

15536-69
PERTINANT USE OF HISTOCHEMICAL METHODS OF CURING FLORAL PLANTS INJURED BY BACTERIA. (FR)
M Lemattre L Gerrebco
Phytiat-phytopharm 16(3):141-148
Sep 1967 464.8 P564
Bacterial diseases (plants), Bacteriology, Colorimetry, Dianthus caryophyllus, Geranium, Histochemistry, Microscopy, Plant disease control, Plant injuries, Spectroscopy.

15537-69
APHIDS MAY NOT ACQUIRE AND TRANSMIT STYLET-BORNE VIRUSES WHILE PROBING INTERCELLULARLY.
D Lopez-Abella R H E Bradley
Virology 39(2):338-342
Oct 1969 448.8 V81
Cytology, Electron microscopy, Insect vectors, Myzus persicae, Plant disease transmission, Stylets, Tobacco, Virus diseases (plants).

15538-69
CONTROL OF MOSAIC OF TOBACCO, PEPPERS, AND TOMATOES WITH MILK.
G B Lucas J C Wells F A Todd
N C Pesticide Manual 00(00):61
1967 79.8 N81
Milk, Mosaic, Peppers, Plant disease control, Tobacco, Tomatoes.

15539-69
CONTROL OF MOSAIC OF TOBACCO, PEPPERS, AND TOMATOES WITH MILK.
G B Lucas J C Wells F A Todd
N C Pesticide Manual 00(00):64
1968 79.8 N81
Milk, Mosaic, Peppers, Plant disease control, Tobacco, Tomatoes, Virus diseases (plants).

15540-69
BACTERIAL DAMAGE TO WHEAT GRAIN. (FR)
J Luisetti F Rapilly
Ann Epiphyt 18(4):483-493
1967 464.9 F84AN
Bacterial diseases (plants), Grain, Plant disease resistance, Seed germination, Wheat. English summary

15541-69
ON THE STOLBUR VIRUS IN RED PEPPER (CAPSICUM ANNUM) L. (FR
G Marchoux C M Messiaen
Ann Epiphyt 18:179-182 REF
1967 464.9 F84AN
Bush redpeppers (vegetable), Datura stramonium, Injections, Plant disease transmission, Solanaceae, Stolbur, Virus diseases (plants). English and German summaries

15542-69
INHIBITORY EFFECT OF RED-PEPPER LEAVES (CAPSICUM ANNUUM L.) ON THE INFECTION OF SOME VIRUSES OF THEIR ULTRA-SUSCEPTIBLE HOSTS. (FR)
G Marchoux
Ann Epiphyt 18:35-45 REF
1967 464.9 F84AN
Bush redpeppers (vegetable), Cowpeas, Culture media, Dialysis, Leaves, Plant disease resistance, Plant extracts, Tobacco, Virus diseases (plants). English and German summaries.

15543-69
THE SHOT-HOLE DISEASE OF THE MELON. PRELIMINARY STUDY OF A NEW VIRAL DISEASE OF THE GLASS-HOUSE-GROWN MELON. (FR)
J Marrou G Risser
Ann Epiphyt 18:193-203
1967 464.9 F84AN
Chenopodium amaranticolor, Chenopodium quinoa, Cucurbita, Fruit, Greenhouse culture, Insect vectors, Leaves, Muskmelons, Plant disease transmission, Plant physiology, Sap, Seedlings, Shothole, Soil-borne plant diseases, Temperature, Virus diseases (plants), Watermelons. English and German summaries

15544-69
METHOD FOR TESTING THE HEALTH CONDITION OF LETTUCE SEEDS. (FR
J Marrou C M Messiaen A Migliori
Ann Epiphyt 18:227-248 REF
1967 464.9 F84AN
Chenopodium, Injections, Lettuce, Plant biochemistry, Plant disease transmission, Seeds, Tables (data), Virus diseases (plants). English and German summaries

15545-69
TEST FOR PROTECTING MELON AND MARROW PLANTS AGAINST THE CUCUMBER MOSAIC VIRUS. (FR)
J. Marrou C-M. Messiaen
Ann Epiphyt 19(OUTSIDE SERIES):147-157 REF
1968 464.9 F84AN
Cucumber mosaic virus, Cucumis melo, Cultural control (plant diseases), Oil sprays, Polyethylene, Pumpkins, Virus diseases (plants). English and German abstracts.

15546-69
PATTERN OF DISTRIBUTION OF STEPHANITIS TYPICUS DISTANT (HETEROPTERA: TINGIDAE), A PEST OF COCONUT PALM, ON ITS HOST PLANT.
K Mathen J Mathew C Kurian
Indian J Agr Sci 39(1):57-61
Jan 1969 22 AG83I
Coconuts, Plant pests, Stephanitis, Tingidae.

15547-69
INVESTIGATIONS ON THE STAIN BACTERIAS OF CARNATIONS DUE TO PECTOBACTERIUM PARTHENII VAR. DIANTHICOLA HELLMERS. (FR
S Mercier J C Pionnat R Tramier
Phytiat-phytopharm 16(3):149-156
Sep 1967 464.8 P564
Bacterial diseases (plants), Dianthus caryophyllus, Pectobacterium parthenii dianthicola, Plant dissemination, Plant morphology.

15548-69
BLUEBERRY SPRAY PROGRAM.
R D Milholland H H Neunzig J Falter
N C Pesticide Manual 00(00):69
1967 79.8 N81
Blueberries, Chemical control (insects), Insect control, Leafspot, Spraying.

15549-69
BROMEGRASS MOSAIC VIRUS IN YUGOSLAVIA. (CZ)
D Milicic E Proll J Richter N Juretic
Zastita Bilja 12(91-92):213-220 REF
1966 464.8 Z1
Bromus, Mosaic, Virus diseases (plants).

15550-69
A VIRUS DISEASE DISTINCT FROM THE CHLOROTIC LEAF-ROLL DISEASE: THE ROSETTE OF THE APRICOT-TREE, VAR. (LUIZET). (FR
G Morvan C Castelain
Ann Epiphyt 18:205-216 REF
1967 464.9 F84AN
Apricots, Chlorosis, Crop varieties, Leaves, Plant disease transmission, Plant grafting, Rosette, Trees, Vegetation, Virus diseases (plants). Other species mentioned were: Prunus davidiana, P. dasycarpa, P. mume, and P. spinosa. Summary in English and German.

15551-69
RESEARCH ON POTATO VIRUSES IN INDIA.
B B Nagaich H O Agrawal
Indian J Agr Sci 39(3):286-296 REF
Mar 1969 22 AG83I
Heat treatment, Insect vectors, Potatoes, Seed potatoes, Virus diseases (plants).

15552-69
PRODUCTION OF DISEASE-FREE SEED POTATOES IN THE INDO-GANGETIC PLAINS.
B B Nagaich V P Pushkarnath B K Bharadwaj S R Giri S K Anand
Indian J Agr Sci 39(3):238-243
Mar 1969 22 AG83I
Potatoes, Seed potatoes, Virus diseases (plants).

15553-69
NEW DISEASE AGENT OF WHEAT, KHUSKIA ORYZAE HUDSON. (GER)
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):659-663, MAP
Nov 1967 464.8 Z3
Corn, Ear rot, Fungus diseases (plants), Nigrospora oryzae, Plant taxonomy, Wheat. English summary

15554-69
INFECTION THROUGH CELL LESIONS AND INVESTIGATION INTO THE INFECTIOUS DILUTION CURVES OF TOBACCO MOSAIC VIRUS. (GE
D Noordam
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):272-276 REF
1969 448.3 C33 (1)
Mosaic, Plant disease transmission, Tobacco, Tobacco mosaic virus, Virus diseases (plants). English abstract.

15555-69
ON THE PARTIAL PURIFICATION OF CHRYSANTHEMUM B-VIRUS AND PRODUCTION OF A HIGH TITER ANTISERUM. (GE)
C Oertel
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):277-281
1969 448.3 C33 (1)
Antiserum, Chemical control (plant diseases), Chrysanthemum, Purification, Tobacco, Virus diseases (plants). English abstract.

15556-69
BROKEN LEAF, A NEW COCONUT DISEASE IN THE CARIBBEAN AREA.
J G Ohler
Agr Soc Trinidad Tobago J 69(1):569-580 REF
Mar 1969 8 T73
Coconuts, Diagnosis, Leaves, Plant diseases, Plant nutrition, Soil moisture.

15557-69
CITRUS BROWN ROT IN QUEENSLAND.
B L Oxenham Y N Stone
Queensland J Agr Anim Sci 26(2):173-180
Jun 1969 23 Q37
Brown rot, Citrus, Fungus diseases (plants), Phytophthora citrophthora, Phytophthora parasitica nicotianae.

15558-69
THE BREEDING OF LUCERNE MEDICAGO SATIVA L. FOR RESISTANCE TO VERTICILLIUM ALBO-ATRUM RKE. ET BERTH. III. TRANSGRESSIVE SEGREGATION IN F3 AND THE EFFECT ON RESISTANCE OF CERTAIN SYSTEMS OF INBREEDING.
C A Panton
Hereditas 57(1-2):115-126
1967 442.8 H42
Alfalfa, Fungus diseases (plants), Plant breeding, Plant disease resistance, Plant genetics, Seedlings, Verticillium albo-atrum.

15559-69
FUNGICIDES IN FORESTRY IN GREAT BRITAIN.
D H Phillips
J Sci Food Agr 20(8):503-504 REF
Aug 1969 382 SO12
Botrytis cinerea, Chemical control (plant diseases), Fomes, Forestry, Fungicides, Lophodermium pinastri.

15560-69
SWEET POTATO PLANT TREATMENT.
D V Phillips L W Nielsen
N C Pesticide Manual 00(00)122
1968 79.8 N81
Chemical control (plant diseases), Cultural control (plant diseases), Fungus diseases (plants), Phenylmercuric compounds, Sweet potatoes.

15561-69
SWEET POTATO PLANT TREATMENT.
D V Phillips L W Nielsen
N C Pesticide Manual 00(00):119
1967 79.8 N81
Black rot, Chemical control (plant diseases), Fungus diseases (plants), Phenylmercuric compounds, Scurf, Sweetpotatoes.

15562-69
MECHANICAL TRANSMISSION OF BEET YELLOWS VIRUS TO CHENOPODIUM QUINOA WILLD. AND CHENOPODIUM FOLIOSUM (MOENCH) ASCH..
J Polak O Klir
Biol Plant 11(5):366-369 REF
1969 450 B52
Beets, Chenopodium, Chenopodium quinoa, Disease transmission, Virus diseases (plants), Yellows.

15563-69
A BARLEY NECROSIS-PRODUCING VIRUS. (GE)
I V Pop
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):282-287
1969 448.3 C33 (1)
Barley, Chenopodium amaranticolor, Diagnosis, Necrosis, Virus diseases (plants). English abstract.

15564-69
THE INCIDENCE OF TOBACCO MOSAIC VIRUS IN PLASTIDS OF ETIOLATED TOBACCO LEAVES.
M J Pratt
Virology 39(2):344-346
Oct 1969 448.8 V81
Electron microscopy, Leaves, Plant cytology, Plastids, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15565-69
ON THE TRANSMISSION OF FIG MOSAIC VIRUS BY THE GALL MITE ACERIA FICUS COTTE. (GE)
G Proeseler
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):288-292
1969 448.3 C33 (1)
Aceria, Figs, Insect vectors, Mites, Mosaic, Plant disease transmission, Virus diseases (plants). English abstract.

15566-69
DIFFERENCIATION OF BIOCHEMICAL TYPES OF SOURCES OF PSEUDOMONAS SOLANACEARUM (SMITH) SMITH. (FR)
J P Prunier
Phytiat-phytopharm 16(3):199-204 REF
Sep 1967 464.8 P564
Bacterial diseases (plants), Butyric acid, Environment, Plant biochemistry, Pseudomonas solanacearum, Sugar.

15567-69
THE INFLUENCE OF VARIATIONS IN THE MICROFLORA OF A STERILIZED SOIL ON THE GENESIS OF CERTAIN PLANT DISEASES. II. STUDY OF THE BEHAVIOUR OF MICROORGANISMS INTRODUCED INTO STEAM-STERILIZED SOIL. (FR)
F Rapilly A Coleno
Ann Epiphyt 18(4):495-507 REF
1967 464.9 F84AN
Actinomura repens, Ammonification, Botrytis cinerea, Erwinia carotovora, Nitrification, Pectins, Plant diseases, Pseudomonas phaseolicola, Soil sterilization, Soil-borne plant diseases. English summary

15568-69
THE FREQUENCY OF FUSARIA IN SOILS OF FIELDS EITHER WITH OR WITHOUT MAIZE IN CROP ROTATION. (GER)
J Rintelen
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):664-666 REF
Nov 1967 464.8 Z3
Corn, Crop rotation, Fungus diseases (plants), Fusarium avenaceum, Fusarium culmorum, Land, Soil-borne plant diseases, Stalk rot.

15569-69
SCLEROPHTHORA MACROSPORA (SACC.) THIRUM. ET AL. E8SYN.: SCLEROSPORA MACROSPORA SACC.) ON SUGARCANE.
G Roth
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(2):83-101 REF
Feb 1967 464.8 Z3
Fungus diseases (plants), Plant physiology, Plant senescence, Sclerophthora macrospora, Sclerospora macrospora, Sugarcane.

15570-69
VARIABILITY OF THE GERMINAL SPORES OF SOME USTILAGINALES LIMITED BY X-RAYS. (GE)
A Savuleseu D Beeereseu
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):293-298
1969 448.3 C33 (1)
Plant morphology, Spore germination, Spores, Ustilaginales, X-rays. English abstract.

15571-69
MODIFICATION IN THE NUCLEAR STRUCTURE OF TOBACCO INFESTED WITH TOBACCO MOSAIC VIRUS AT 32 DEGREES C. (FR)
R Sealla C Martin B Choste R Meignoz
Acad Sci Compt Rend Ser D 269(4, 2ND SEMESTER):466-468
28 Jul 1969 505 P21
Cell nucleus, Plant cytology, Temperature, Tobacco, Tobacco mosaic virus.

15572-69
PROPERTIES AND SEROLOGY OF PLUM POX VIRUS. (GE)
C Sehade
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):299-304 REF
1969 448.3 C33 (1)
Plum pox (plums), Plums, Serological tests, Tobacco, Virus diseases (plants). English abstract.

15573-69
LYCIUM HALIMIFOLIUM MILL. A POTENTIAL RESEVOIR OF CUCUMBER MOSAIC VIRUS. (GE)
K Schmelzer
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):305-309 REF
1969 448.3 C33 (1)
Cucumbers, Host indexing (plants), Mosaic, Myzus persicae, Solanaceae, Virus diseases (plants). English abstract.

15574-69
INVESTIGATION INTO A SPOT AND STREAK FORMATION ON HEMP (CANNABIS SATIVA L.). (GE)
H E Schmidt E Karl
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):310-314
1969 448.3 C33 (1)
Arabis, Hemp, Mosaic, Plant disease transmission, Serological tests. English abstract.

15575-69
OBSERVATIONS ON EPIDOMOLOGY AND EXPERIMENTS TO DECREASE DAMAGE OF THE ALFALFA LEAF-SPOT DISEASE. (GER)
M Schmiedekneeht
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):290-302
1967 464.8 Z3
Alfalfa, Epidemiology, Fungus diseases (plants), Leaf spot, Plant disease control, Plant injuries, Proteins, Pseudopeziza medicaginis. English summary

15576-69
COMBINED APPLICATION OF LEAF FERTILIZERS AND FUNGICIDES. (GE
A Schneider H-h Nolle
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):142-146
Mar 1968 464.8 Z3

Chemical control (plant diseases), Fertilizers, Fungicides, Fungus diseases (plants), Leaves, Pesticide application, Phytophthora infestans, Polyethylene thiuram sulfides, Tomatoes, Zinc propylenebis(dithiocarbamate).

15577-69
RESEARCH INTO BLOSSOM INFECTION: II. BROWN ROT OF SOUR CHERRIES (PRUNUS CERASUS L.). III. FRUIT ROT OF THE STRAWBERRY (FRAGARIA VESCA). IV. STONE FRUITS. (GER)
F Schonbeck
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(2):67-71
Feb 1967 464.8 Z3
Aureobasidium pullulans, Brown rot, Fruit, Fungus diseases (plants), Injections, Rot, Sour cherries, Strawberries. English summary

15578-69
ON THE OCCURRENCE OF COCKSFOOT STREAK VIRUS. (GE)
K Schumann
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):315-319 REF
1969 448.3 C33 (1)
Dactylis, Diagnosis, Streak, Surveys, Virus diseases (plants). English abstract.

15579-69
INVESTIGATION INTO THE INFLUENCE OF DAY LENGTH ON THE REPRODUCTION OF POTATO-X AND TOBACCO MOSAIC VIRUS IN SOLANACEAE OF DIFFERING PHOTOPERIODIC SENSITIVITY. (GE)
G Schuster
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):319-325 REF
1969 448.3 C33 (1)
Hyoscyamus, Photoperiodism, Potatoes, Solanaceae, Tobacco mosaic virus, Virus diseases (plants), Virus X. English abstract.

15580-69
ANALYTICIAL RESTRAINT OF RESEARCH ON THE RESPIRATORY METABOLISM OF INFECTIOUS VIRUS ON HEALTHY POTATO NODULES AND SPROUTS. (GE)
G Schuster
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):276-290 REF
1967 464.8 Z3
Glycolysis, Metabolism, Nodules (plants), Oxygen, Pentoses, Phosphates, Plant growth inhibitors, Potatoes, Respiration, Tricarboxylic acid cycle, Virology, Virus diseases (plants). English summary

15581-69
TESTING THE SUSCEPTIBILITY OF VINE VARIETIES TO (FLAVESCENCE DOREE) BY MEANS OF INOCULATION BY (SCAPHOIDEUS LITTORALIS) BALL. (FR)
D Schvester P Carle G Moutous
Ann Epiphyt 18:143-150
1967 464.9 F84AN
Cicadellidae, Climbing plants, Golden flavescence, Injections, Insect vectors, Plant disease resistance, Plant hardiness, Scaphoideus littoralis, Virus diseases (plants). English and German summaries

15582-69
VEGETABLE INSECTS.
H E Scott C H Brett
N C Pesticide Manual 00(00):128-134
1967 79.8 N81
Chemical control (insects), Dusting, Insect pests, Insecticides, Spraying, Vegetables.

15583-69
INCREASE OF TOBACCO MOSAIC VIRUS MULTIPLICATION AND LESION SIZE IN HYPERSENSITIVE HOSTS IN THE PRESENCE OF CHLORAMPHENICOL.
B Sela G Loebenstein T Van Praagh
Virology 39(2):260-264
Oct 1969 448.8 V81
Chloramphenicol, Hypersensitivity, Tobacco, Tobacco mosaic virus, Virus diseases (plants).

15584-69
THE INCOPORATINS ON 14C URIDINE IN FRAGMENTS OF BARLEY LAVES INFECTED WITH BROMEGRASS MOSAIC VIRUS. (FR)
J Semal J Kummert
Ann Epiphyt 18:11-19 REF
1967 464.9 F84AN
Barley, Bromus, Carbon isotopes, Chemical control (plant diseases), Injections, Leaves, Mosaic, Plant biochemistry, Uridine, Virus diseases (plants). French and German summary

15585-69
CONSIDERATIONS ON CHEMOTHERAPEUTICS RESEARCH IN PLANT VIROLOGY. (FR)
J Semal
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):326-329 REF
1969 448.3 C33 (1)
Barley, Cabbage, Drug therapy, Inhibitors, Mosaic, Plant diseases, Radioactive tracers, Ribonucleic acid, Synthesis, Tobacco, Virus diseases (plants). English and German abstracts.

15586-69
PRODUCTION OF VEGETABLE VARIETIES RESISTANT TO DISEASES. (RUS)
P B Semerdjiev
Priroda (Sofia) (3,MAY-JUN):34-38
Jun 1967 410 P934
Cucumbers, Plant breeding, Plant disease resistance, Plant diseases.

15587-69
A RING-SPOT DISEASE OF ALLAMANDA CATHARTICA LINN. AND SOME PHYSICAL PROPERTIES OF ITS CAUSAL AGENT.
K M Silherschmidt R Herbas
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):330-335
1969 448.3 C33 (1)
Diagnosis, Plant diseases, Ring spot, Shrubs, Virology, Virus diseases (plants).

15588-69
THE RASPBERRY STEM GALL MIDGE (LASIOPTERA RUBI) A LITTLE KNOWN PEST OF RASPBERRY. (CZ)
D Simova-Tosic K Dobrivojevic
Zastita Bilja 12(91-92):323-330
1966 464.8 Z1
Blackberries, Cecidomyiidae, Flora, Gall-making insects, Insect pests, Larvae, Lasioptera ruhi, Parasitic insects, Raspberries, Stem. English summary

15589-69
CONTRIBUTION TO THE SEROLOGICAL SURVEY OF PLANT VIRUSES BY THE MICRO-ELECTROPHORETIC TECHNIQUE APPLIED TO AGAR-AGAR MEDIA. (FR)
D Spire
Ann Epiphyt 18:47-63 REF
1967 464.9 F84AN
Agar, Culture media, Electrophoresis, Host indexing (plants), Hydrogen-ion concentration, Immunology, Mosaic, Plant extracts, Proteins, Serological tests, Virology, Virus diseases (plants). English and German summaries

15590-69
NOTE ON THE MIGRATION RATE OF THE VIRUS (S) FROM THE POTATO LEAVES TO THE TUBERS. (FR)
D Spire Y Maury J Bertrandy
Ann Epiphyt 18:189-191
1967 464.9 F84AN
Injections, Leaves, Plant disease transmission, Potatoes, Virus diseases (plants), Virus s. English and German summaries

15591-69
RESEARCH CONCERNING LEAF SCORCH (SPECIES APHELENCHOIDES FRAGARIAE) INFECTING STRAWBERRIES. (GE)
H Strumpel
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):129-142 REF
Mar 1968 464.8 Z3
Aphelenchoides fragariae, Bacterial diseases (plants), Corynebacterium fascians, Leaf scorch, Microclimate, Nematode vectors, Strawberries, Tissues.

15592-69
INTENSITY OF PRESENCE AND ECONOMICAL IMPORTANCE OF MORE IMPORTANT DISEASES AND PESTS OF SMALL GRAINS IN THE YEAR OF 1967 IN POLAND. (PO)
A Studzinski
Poznan Inst Ochrony Roslin Biul (39):23-55 MAP
1968 464.9 P87
Crop losses, Fungus diseases (plants), Grain, Plant diseases, Surveys. English and Russian abstracts.

15593-69
FURTHER EXPERIMENTS ON THE GLASS TUBE METHOD TO CONTROL DEGENERATION OF POTATOES.
J Szirmai
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):336-339
1969 448.3 C33 (1)
Diagnosis, Methodology, Phenolases, Potatoes, Virus diseases (plants), Virus X, Virus Y.

15594-69
IDENTIFICATION AND DETERMINATION OF ORGANOMERCURIAL FUNGICIDE RESIDUES BY THIN-LAYER AND GAS CHROMATOGRAPHY.
J O'G Tatton P J Wagstaffe
J Chromatography 44(2):284-289
28 Oct 1969 475 J824
Apples, Chemical analysis, Chromatography, Fungicides, Mercury compounds, Organic compounds, Pesticide residues, Potatoes, Tomatoes.

15595-69
RESISTANCE TO BACTERIAL CANKER IN TOMATO, AND ITS EVALUATION.
B D Thyr
Phytopathology 58(3):279-281 REF
Mar 1968 464.8 P56
Bacterial canker, Bacterial diseases (plants), Corynebacterium michiganense, Plant disease resistance, Tomatoes.

15596-69
TOBACCO--WILDFIRE CONTROL IN BURLEY PLANT BEDS.
F Todd C J Nusbaum
N C Pesticide Manual 00(00):61
1968 79.8 N81
Antibiotics, Bacterial diseases (plants), Plant disease control, Tobacco, Wildfire (tobacco).

15597-69
TOBACCO--BLUE MOLD AND ANTHRACNOSE CONTROL, ASHEVILLE.
F A Todd C J Nusbaum G B Lucas
N C Pesticide Manual 00(00):61
1968 79.8 N81
Anthracnose, Chemical control (plant diseases), Ferham, Fungicides, Maneb, Plant diseases, Polyram, Tobacco.

15598-69
TOBACCO--BLUE MOLD AND ANTHRACNOSE CONTROL.
F A Todd C J Nushaum G B Lucas
N C Pesticide Manual 00(00):59
1967 79.8 N81
Anthracnose, Chemical control (plant diseases), Downy mildew, Tobacco.

15599-69
DEFOLIATION OF COTTON.
W G Toomey
N C Pesticide Manual 00(00):51-52
1968 79.8 N81
Chemicals, Cotton, Defoliants, Defoliation.

15600-69
LOCALIZATION AND MIGRATION OF PLUM POX VIRUS IN PLUM TREES. (GE
D Trifonov
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):340-347
1969 448.3 C33 (1)
Plant physiology, Plums, Pox, Translocation, Virus diseases (plants). English abstract.

15601-69
A VIRUS DISEASE OF AFRICAN HEMP SPARMANNIA AFRICANA L. F. (GE
H A Uschdraweit
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):348-351
1969 448.3 C33 (1)
Diagnosis, Hemp, Plant disease transmission, Plant grafting, Virus diseases (plants). English abstract.

15602-69
COMPARISON OF SOME POTATO WITCHES' BROOM VIRUS FROM LOWER SAXONY WITH EUROPEAN VIRUSES OF THES GROUP. (GE)
V Valenta
Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig 123(3):352-357
1969 448.3 C33 (1)
Diagnosis, Potatoes, Virology, Virus diseases (plants). English abstract.

15603-69
PROPERTIES AND NATURE OF INHIBITORS OF POTATO VIRUS X IN FOUR MEDICINAL PLANT EXTRACTS.
V S Verma S P Raychaudhuri A M Khan
Biol Plant 11(5):384-387
1969 450 B52
Chemical analysis, Hydrogen-ion concentration, Inhibitors, Plant extracts, Potatoes, Virus diseases (plants), Virus X.

15604-69
EXPERIMENTS TO OBTAIN COURT-NOUE VIRUS FIRST PART EXTRACTS FROM TISSUES OF GRAPE LEAVES. (FR)
A. Vuittenez J. Kuszala
Ann Epiphyt 19(OUTSIDE SERIES):197-217 REF
1968 464.9 F84AN
Fanleaf (grapes), Grapes, Methodology, Plant extracts, Serological tests, Virus diseases (plants). English and German abstracts.

15605-69
PEANUT DISEASES.
J C Wells W E Cooper
N C Pesticide Manual 00(00):56
1967 79.8 N81
Chemical control (plant diseases), Leaf spot, Nematodes, Peanuts, Plant diseases, Stem rot.

15606-69
PEANUT DISEASES. SOUTHERN STEM ROT.
J C Wells W E Cooper
N C Pesticide Manual 00(00):58
1968 79.8 N81
Chemical control (plant diseases), Nematocides, Peanuts, Pentachloronitrobenzene, Plant nematodes, Stem rot.

15607-69
VORLEX FOR PLASTIC GREENHOUSE SOIL FUMIGATION.
J C Wells
N C Pesticide Manual 00(00):140
1968 79.8 N81
Fungus diseases (plants), Greenhouses, Pesticide application, Plastics, Soil fumigation, Vorlex.

15608-69
PEANUT DISEASES. LEAFSPOT CONTROL.
J C Wells W E Cooper
N C Pesticide Manual 00(00):58
1968 79.8 N81
Chemical control (plant diseases), Copper compounds, Leaf spot, Peanuts, Pesticide application.

15609-69
DISEASES--LAWNS AND TURF.
J C Wells
N C Pesticide Manual 00(00):106
1968 79.8 N81
Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Lawns, Plant diseases, Surveys, Turf.

15610-69
IN VITRO INFECTION AND PATHOGENESIS OF PLANTS FROM SEVERAL GENERA BY THE SPECIFIC SOILBORNE PATHOGEN SCLEROTIUM CEPIVORUM.
J M Young J D Allen
Plant Dis Rep 53(10):821-823
Oct 1969 1.9 P69P
Fungus diseases (plants), Onions, Plant disease transmission, Sclerotium cepivorum, Soil-borne plant diseases.

15611-69
A DANGEROUS DISEASE ON FRUIT-TREES HAS APPEARED IN THE EUROPEAN CONTINENT. (RUS)
T Zahov
Priroda (Sofia) (1,JAN-FEB):67-69
Feb 1967 410 P934
Bacterial diseases (plants), Orchards.

ARTHROPODS

15612-69
COMPARATED STUDY ON (VINCA ROSEA) L. OF 3 VIRUS DISEASES: (WESTERN ASTER YELLOW) ISOLATED FROM (GLADIOLUS,) (CLOVER PHYLLODY) AND (TOMATO STOLBUR). (FR)
J Albouy M T Cousin C Grison
Ann Epiphyt 18:157-171 REF
1967 464.9 F84AN
Aster yellows, Cicadellidae, Clover, Diagnosis, Gladiolus, Insect vectors, Phyllody, Plant disease transmission, Research, Stolbur, Tomatoes, Vinca rosea, Virus diseases (plants). English and German summaries

15613-69
TESTS ON THE DISSEMINATION OF THE TULIP STREAK VIRUS.
J. Albouy J. Glorian
Ann Epiphyt 19(OUTSIDE SERIES):177-187
1968 464.9 F84AN
Insect vectors, Insecticides, Organophosphorus compounds, Plant disease transmission, Plant physiology, Streak, Tulipa, Virus diseases (plants). English and German abstracts.

15614-69
DOMESTIC QUARANTINE NOTICES. EUROPEAN CHAFER.
R J Anderson
Fed Regist 33(139):10273-10275
18 Jul 1968 L1.451
Agricultural regulation, Amphimallon majalis, Insect control, Plant quarantine.

15615-69
PESTS OF THE FAMILY CERAMBYCIDAE, HARMFUL TO WOOD IN BULGARIA. (RUS)
P Angelov
Priroda (Sofia) (3,MAY-JUN):59-62
Jun 1967 410 P934
Cerambycidae, Tree injuries.

15616-69
ESTIMATION OF DAMAGE ON WHEAT BY THE APHID MACROSIPHUM AVENAE FAB. (FR)
M P Angladc
Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):17-25
1969 410.9 SO12
Crop yields, Insect outbreaks, Macrosiphum avenae, Wheat. English abstract.

15617-69
STUDIES ON THE BEHAVIOUR OF PLUSIA ORICHALCEA FABR. (LEPIDOPTERA: NOCTUIDAE) AND AN ASSESSMENT OF THE FOLIAR LOSS CAUSED BY IT AND THE CONTROL MEASURES.
H C Basu P B Chatterjee
Indian J Agr Sci 39(1):36-40 REF
Jan 1969 22 AG83I
Bacillus thuringiensis, Carbaryl, Crop losses, Insect behavior, Insect control, Malathion, Noctuidae, Vegetables.

15618-69
PHILOSOPHY OF FOREST INSECT CONTROL IN BRITAIN.
D Bevan
J Sci Food Agr 20(8):505-506
Aug 1969 382 SO12
Forest insects, Great Britain, Insect control.

15619-69
THE CHEMICAL CONTROL OF RED SPIDER MITE ON GLASSHOUSE ROSES.
E S Binns
Plant Pathol 18(2):49-56 REF
Jun 1969 464.8 P692
Acaricides, Chemical control (insects), Chlorinated hydrocarbons, Greenhouses, Rosa, Tetradifon, Tetranychus urticae.

15620-69
MITES, PESTS IN GARDENS AND LIVING ROOMS.
H Bohm
Pflanzenarzt 21(4):48-49
01 Apr 1968 464.9 P482
Acetic acid, Bryobia, Diazinon, Endosulfan, Gardens, Insect pests, Iodine, Larvae, Malathion, Mites, Spraying, Sulfur compounds.

15621-69
INFECTION AND CORROSION TESTS WITH USTILAGO HORDEI (PERS.) LAGERM. (GE)
K Boning
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(7):385-387
Jul 1968 464.8 Z3
Fungicides, Insecticides, Mercury, Rice, Smut, Soil erosion, Starches, Sugar, Ustilago hordei, Ustilago nuda.

15622-69
ATTEMPTS AT TREATMENT OF THE ATOMARIA OF SUGAR-BEETS WITH INSECTICIDES. (FR)
L Bonnemaison J P Lyon J Maillard X Porte S Wattiez
Phytiat-phytopharm 15(3):213-227 REF
1966 464.8 P564
Atomaria, Chemical control (insects), Cryptophagidae, Insect pests, Insecticides, Sugar beets.

15623-69
PIGMY MANGOLD BEETLE (ATOMARIA LINEARIS STEPH.), BIOLOGY AND CONTROL. (FR)
L Bonnemaison J P Lyon
Ann Epiphyt 18(4):401-450 REF
1967 464.9 F84AN
Atomaria linearis, Chemical control (insects), Chenopodium album, Chlorinated hydrocarbons, Cryptophagidae, Heptachlor, Insect biology, Insect pests, Insecticides, Plant injuries, Soils, Spinach, Sugar beets. English summary

15624-69
PEANUT INSECTS. SEASONAL CONTROL OF THRIPS, LEAFHOPPERS, SOUTHERN CORN ROOTWORM AND WIREWORMS.
W V Campbell R L Robertson
N C Pesticide Manual 00(00):55
1967 79.8 N81
Chemical control (insects), Cicadellidae, Elateridae, Insect control, Insecticides, Peanuts, Thrips.

15625-69
CORN INSECTS.
W V Campbell J Falter
N C Pesticide Manual 00(00):43
1968 79.8 N81
Chemical control (insects), Corn, Insect pests, Insecticide application, Insecticides, Surveys.

15626-69
PEANUT INSECTS. SEASONAL CONTROL OF THRIPS, LEAFHOPPERS, SOUTHERN CORN ROOTWORM AND WIREWORM.
W V Campbell R L Robertson
N C Pesticide Manual 00(00):57
1968 79.8 N81
Chemical control (insects), Diabrotica undecimpunctata howardi, Elateridae, Insecticide application, Insecticides, Peanuts, Surveys, Thrips.

15627-69
INSECTS ON ALFAFA, CLOVERS AND GRASSES.
W V Campbell J Falter
N C Pesticide Manual 00(00):42
1968 79.8 N81
Alfalfa, Chemical control (insects), Clover, Grasses, Insect pests, Insecticide application, Insecticides, Surveys.

15628-69
SOYBEANS.
W V Campbell J Falter
N C Pesticide Manual 00(00):44
1968 79.8 N81
Chemical control (insects), Insect pests, Insecticide application, Insecticides, Soybeans, Surveys.

15629-69
SMALL GRAINS INSECTS.
W V Campbell J Falter
N C Pesticide Manual 00(00):44
1968 79.8 N81
Carbaryl, Chemical control (insects), Disyston, Grain, Insect pests, Insecticide application, Malathion, Parathion, Phorate, Toxaphene.

15630-69
SORGHUM.
W V Campbell J Falter
N C Pesticide Manual 00(00):43
1968 79.8 N81
Carbaryl, Chemical control (insects), Insect pests, Insecticide application, Malathion, Sorghum, Toxaphene.

15631-69
INSECTS ON ALFALFA, CLOVERS AND GRASSES.
W V Campbell J Falter
N C Pesticide Manual 00(00):40-42
1967 79.8 N81
Alfalfa, Clover, Grasses, Insecticides, Insects.

15632-69
A NEW REPORT ON SUGAR-BEET PESTS IN THE AREA OF BARANJA, SOIL COLEOPTERA TAKEN INTO SPECIAL CONSIDERATION. (CZ)
D Camprag J Durkic
Agron Glas 30(5):463-470
May 1968 21.5 AG84
Coleoptera, Insect pests, Soil fauna, Sugar beets, Surveys. French abstract.

15633-69
INVESTIGATIONS ABOUT POSSIBLE VECTORS OF GOLDEN FLAVESCENCE OF THE VINE. (FR)
P Carle G Moutous
Ann Epiphyt 18:151-156
1967 464.9 F84AN
Cicadellidae, Climbing plants, Feeding, Golden flavescence, Insect vectors, Plant disease transmission, Scaphoideus littoralis, Virus diseases (plants). English and German summaries

15634-69
APPLE SPRAY PROGRAM.
C N Clayton H R Garriss G C Rock G T Weekman
N C Pesticide Manual 00(00):71-72
1968 79.8 N81
Apples, Chemical control (insects), Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Insecticides, Pesticide application, Spraying, Surveys.

15635-69
PEACH SPRAY PROGRAM.
C N Clayton G T Weekman
N C Pesticide Manual 00(00):76-77
1968 79.8 N81
Chemical control (insects), Fungicides, Fungus diseases (plants), Insect pests, Insecticides, Peaches, Spraying, Surveys.

15636-69
BLUE GRAPE SPRAY PROGRAM.
C N Clayton H R Garriss G T Weekman
N C Pesticide Manual 00(00):72
1968 79.8 N81
Blueberries, Carbaryl, Chemical control (insects), Endosulfan, Insect pests, Insecticide application, Insecticides, Spraying.

15637-69
PROBLEMS POSED BY ACARINA TO FLORICULTURE. (FR)
M L Desportes
Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):37-50 REF
1969 410.9 SO12
Acarina, Brevipalpus, Chemical control (insects), DDT, Eriophyidae, Insecticide resistant insects, Ornamental plant culture, Rhizoglyphus echinopus, Tarsonemidae, Tetranychidae.

15638-69
BLACKBERRY, DEWBERRY AND RASPBERRY INSECTS.
J Falter
N C Pesticide Manual 00(00):71
1967 79.8 N81
Berries, Carbaryl, DDT, Insect pests, Malathion, Methoxychlor, Rotenone.

15639-69
TREE INSECTS AND MITES.
M H Farrier
N C Pesticide Manual 00(00):107-111
1967 79.8 N81
Chemical control (insects), Forest insects, Insect control, Insecticides, Mites.

15640-69
TREE INSECTS AND MITES.
M H Farrier F Whitfield
N C Pesticide Manual 00(00):110-114
1968 79.8 N81
Chemical control (insects), Insect pests, Insecticide application, Insecticides, Mites, Surveys, Trees.

15641-69
WINTER NECROSIS OF PEACH TWIGS. EXPERIMENTAL REPRODUCTION FOLLOWING PESTICIDE TREATMENTS. (FR)
M C Grosclaude
Rev Zool Agr Appl 68(1-3 1ST TRIMESTER):26-36 REF
1969 410.9 SO12
Azinphosethyl, Necrosis, Nitrogen, Peaches, Pesticides, Plant physiology, Sugars, Thiocarbamates, Ziram. English abstract.

15642-69
ON THE MIGRATION OF SOME LEAFHOPPERS--FOES TO FRUIT TREES. (RUS)
A F Harizanov
Priroda (Sofia) (3,MAY-JUN):62-63
Jun 1967 410 P934
Insect migration, Orchards, Psyllidae.

15643-69
REFLECTIVE ALUMINUM FOIL FOR SCARING OFF VIRUS TRANSMITTERS. (GE
Heinze
Umschau 67(24):802
15 Dec 1967 474 UM7
Aluminum foil, Aphididae, Insect vectors, Vegetables, Virus diseases (plants).

15644-69
SHALLOT APHID IN SOUTH-EAST ENGLAND.
G W Hurst
Plant Pathol 18(2):62-66
Jun 1969 464.8 P692
Myzus ascalonicus, Population, Strawberries, Temperature.

15645-69
DASANIT INSECTICIDE FOR SUPERIOR CONTROL OF CORN ROOTWORM.
O K Jantz
Down Earth 23(4):22-26 REF SPRING
1968 381 D75
Biochemistry, Chemical control (insects), Chlorinated hydrocarbons, Chlorine, Corn, Diabrotica longicornis, Diabrotica undecimpunctata howardi, Diabrotica virgifera, Diethyl O-p-((methylsulfinyl)phenyl) phosphorothioate, O, Immunity, Insect pests, Insecticide residues, Insecticides, Organophosphorus compounds, Plant hardiness.

15646-69
ON THE PRESENCE OF A PATHOGENIC GRADIENT OF ACTION IN THE CYTOLOGICAL DEVELOPMENT OF TUMORS CAUSED BY ERIOSOMA LANIGERUM HAUSM. ON PYRUS MALUS L. CULT. CALVILLE BLANC. (FR)
Y Jeanneau
Acad Sci Compt Rend Ser D 269(4, 2ND SEMESTER):462-465 REF
28 Jul 1969 505 P21
Eriosoma lanigerum, Plant cytology, Plant galls, Pyrus.

15647-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. 2-CHLOROALLY DIETHYLDITHIOCARBAMATE.
J K Kirk
Fed Regist 33(144):10568
25 Jul 1968 L1.451
Agricultural products, Agricultural regulation, Chloroallyl diethyldithiocarhamate, 2-, Pesticide residues, Toxicology.

15648-69
THE TRAPEZEULE (CALYMNIA TRAPEZINA L.), AN UNUSUAL PARASITE ON APPLE TREES. (FR)
M Langenscheidt
Z Pflanzenkrankh (pflanzenpathal) Pflanzenschutz 74(1):14-16 REF
Jan 1967 464.8 Z3
Agricultural research, Apples, Calymnia trapezina, Insect pests, Larvae, Trees. English summary

15649-69
AN EXCEPTIONAL OUTBREAK OF THE APHID MACROSIPHUM (SITOBION) AVENAE FABRICIUS ON WHEAT IN SOUTHWESTERN FRANCE. (FR)
M F Leclant
Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):13-16 REF
1969 410.9 SO12
Insect biology, Insect outbreaks, Macrosiphum avenae, Wheat. English abstract.

15650-69
MICROBIOLOGICAL CONTROL OF PESTIFEROUS INSECTS IN THE USSR. (FR)
M D J Martouret
Rev Zool Agr Appl 68(1-3, 1ST TRIMESTER):5-12 REF
1969 410.9 SO12
Bacillus thuringiensis, Beauveria bassiana, Biological control (insects), Insect ecology, Insect pests.

15651-69
INSECTICIDAL ACTIVITY OF SUBSTITUTED PHENYL N-METHYLCARBAMATES.
J Meltzer H B A Welle
Entomol Exp Appl 12(2):169-182
1969 421 EN895
Aphis fahae, Chemical analysis, Chemical control (insects), Insecticides, Leptinotarsa decemlincata, Musca domestica, Phenylcarbamates, Pieris brassicae.

15652-69
VIRULENCE ON VARIOUS SOLANACEAE OF THREE STRAINS OF THE STOLBUR VIRUS AND A VIRUS INFECTING TOMATO PLANTS IN TUNISIA. (FR)
C M Messiaen J Marrou
Ann Epiphyt 18:173-178
1967 464.9 F84AN
Bemisia tabaci, Datura stramonium, Eggplant, Insect vectors, Plant disease transmission, Plant physiology, Solanaceae, Stolbur, Tobacco, Tomatoes, Virus diseases (plants). English and German summaries

15653-69
TERMITES AND POWDER-POST BEETLES.
H B Moore
N C Pesticide Manaal 00(00):121
1968 79.8 N81
Chemical control (insects), Insecticide application, Insecticides, Lyctidae, Termites.

15654-69
MECHANISM OF FEEDING OF SOME VIRUS-VECTOR LEAFHOPPERS. HISTOLOGICAL STUDIES OF THE TRACKS. (FR)
J P Moreau C Boulay
Ann Epiphyt 18:133-141
1967 464.9 F84AN
Adaptation (physiological), Cicadellidae, Feeding, Insect behavior, Insect histology, Insect vectors, Phloem, Plants, Sap, Virus diseases (plants). English and German summaries

15655-69
SOME ASPECTS OF MARKETING PESTICIDES IN GUJARAT STATE.
G A Patel M P Saha
Plant Protect Bull 19(4):11-16
1967 421 P69
Benzene hexachloride, DDT, Pesticide monitoring program.

15656-69
CERTAIN MINOR CROP PESTS HITHERTO UNRECORDED FROM THE GUJARAT STATE.
H K Patel V C Patel J R Patel
Plant Protect Bull 19(3):26-31
1967 421 P69
Coleoptera, Crops, Diptera, Insect pests, Lepidoptera, Surveys.

15657-69
THE TWO SPOTTED (CARMINE) SPIDER MITE (TETRANYCHUS CINNABARINUS BOISD.) ON APPLE IN ISRAEL.
H N Plaut M Cohen
Z Angew Entomol 60(4):460-466 REF
Nov 1967 421 Z36
Acaricides, Apples, Chemical control (insects), Chlorinated hydrocarbons, Dicofol, Insect pests, Mites, Panonychus ulmi, Tetranychidae, Tetranychus cinnabarinus, Tetranychus urticae.

15658-69
RESEARCH INTO THE ACTUAL YIELD REDUCTION BY ATTACK ON WINTER WHEAT AND SUMMER BARLEY OF THE CEREAL LEAF BEETLES (LEMA CYANELLA L. AND L. MELANOPUS L.) AND THE WHEAT STEM SAWFLY (CEPHUS PYGMAEUS L.). (GE)
B Rademacher
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(5):311-316 REF
1967 464.8 Z3
Barley, Cephidae, Cephus pygmaeus, Chrysomelidae, Crop losses, Germany, Insect pests, Lema lichensis, Oulema melanopus, Wheat.

15659-69
TOBACCO INSECTS. PLANT BEDS.
R L Robertson W J Mistric R L Rabb
N C Pesticide Manual 00(00):65-70
1968 79.8 N81
Chemical control (insects), Insect pests, Insecticide application, insecticides, Surveys, Tobacco.

15660-69
COTTON INSECTS.
R L Robertson J R Bradley
N C Pesticide Manual 00(00):54-56
1968 79.8 N81
Chemical control (insects), Cotton, Insect pests, Insecticide application, Insecticides, Surveys.

15661-69
PECAN INSECT AND DISEASE SPRAY SCHEDULE.
R L Robertson H R Garriss
N C Pesticide Manual 00(00):77
1968 79.8 N81
Chemical control (insects), Chemical control (plant diseases), Dodine, Insect pests, Insecticides, Parathion, Pecans.

15662-69
LAWN AND TURF PESTS.
R L Robertson
N C Pesticide Manual 00(00):106
1967 79.8 N81
Insect pests, Insecticide application, Insecticides, Lawns, Turf.

15663-69
TOBACCO INSECTS.
R L Robertson W J Mistric R L Rabb
N C Pesticide Manaal 00(00):62-67
1967 79.8 N81
Chemical control (insects), Insect control, Insect pests, Tobacco.

15664-69
COTTON INSECTS. GENERAL STATEWIDE CONTROL PROGRAM.
R L Robertson
N C Pesticide Manual 00(00):52-54
1967 79.8 N81
Chemical control (insects), Cotton, Insect control, Insect pests, Insecticides.

15665-69
FLOWER AND SHRUB INSECTS.
R L Robertson
N C Pesticide Manaal 00(00):97-100
1968 79.8 N81
Chemical control (insects), Flowers, Insect pests, Insecticide application, Insecticides, Shrubs, Surveys.

15666-69
GREENHOUSE INSECTS.
R L Robertson
N C Pesticide Manual 00(00):104-105
1968 79.8 N81
Chemical control (insects), Greenhouses, Insect pests, Insecticide application, Insecticides, Surveys.

15667-69
PLANT PROTECTION PROBLEMS IN TUNESIA. (GE)
K Scheibe
Gesunde Pflanzen 20(7):150-152
Jul 1968 464.8 G33
Biochemistry, Chemical control (pests), Crops, Dusting, Economics, Insect pests, Lindane, Olives, Parathion, Plant injuries, Prays oleelus, Spraying equipment.

15668-69
VEGETABLE INSECTS.
H E Scott C H Brett
N C Pesticide Manual 00(00):131-137
1968 79.8 N81
Chemical control (insects), Insect pests, Insecticide application, Insecticides, Surveys, Vegetables.

15669-69
WHAT IS PLANT PROTECTION.
S Singh
Plant Protect Bull 19(4):1-4
1967 421 P69
Insect pests, Methodology, Pest control, Plant protection.

15670-69
DOMESTIC QUARANTINE NOTICES. EUROPEAN CHAFER.
J F Spears
Fed Regist 33(139):10276-10277
18 Jul 1968 L1.451
Agricultural regulation, Amphimallon majalis, Plant quarantine.

15671-69
THE REACTION OF DIFFERENT DROSOPHILA POPULATIONS TO TREATMENT WITH PESTICIDES.
Hereditas 62(3):303-313
1969 442.8 H42
Drosophila melanogaster, Insect physiology, Organophosphorus compounds, Parathion, Pesticides, Phenylurea compounds, Population.

15672-69
TOBACCO--WILDFIRE CONTROL IN BURLEY PLANT BEDS.
F A Todd
N C Pesticide Manual 00(00):59
1967 79.8 N81
Air-cured tobacco, Antibiotics, Streptomycin, Tobacco.

15673-69
COMPARATIVE EFFECTIVENESS OF SOME MODERN INSECTICIDES AGAINST THE BLOSSOM THRIPS OF RED-GRAM (CAJANUS CAJAN (L.) MILLSP.).
S M Vaishampayan Z Singh
Indian J Agr Sci 39(1):52-56
Jan 1969 22 AG831
Dimethoate, Endosulfan, Endrin, Insect control, Pigeonpeas, Thrips.

15674-69
IMPORTANCE OF THE PLANT VIRUS-VECTOR RELATIONSHIPS FOR THE INHIBITION OF APHID TRANSMISSION WITH OIL SPRAYS. (FR)
J. Vanderveken
Ann Epiphyt 19(OUTSIDE SERIES):141-146
1968 464.9 F84AN
Chemical control (insects), Mosaic, Oil sprays, Plant disease transmission, Virus diseases (plants). English and German abstracts.

15675-69
EXPERIMENTS ON THE CONTROL OF CARROT-WILLOW APHID IN SOUTH-WEST ENGLAND 1961-1964.
J D R Vernon S G Evans
Plant Pathol 18(2):83-88
Jun 1969 464.8 P692
Aphididae, Carrots, Chemical control (insects), Disulfoton, Menazon, Methyl demeton.

15676-69
ADSORPTION AND DESORPTION OF LINDANE AND DIELDRIN BY YEAST.
S Voerman P M L Tammes
Bull Environ Contamination Toxicol 4(5):271-277
Oct 1969 RA1270.P35A1
Adsorption, Chlorinated hydrocarbons, Dieldrin, Insecticides, Lindane, Plant biochemistry, Yeasts.

15677-69
RESISTANCE OF VARIETIES OF PORTUGUESE WHEAT, TRITICUM AESTIVUM L. EM. THELL., TO THE WHEAT STEM SAWFLY.
L E Wallace F H McNeal M A Berg P Luginbill
U S Agr Res Serv (1) ARS ARS 33-132:8P

Jan 1969 A420 R31
Cephus cinctus, Insect pests, Plant breeding, Plant pest resistance, Tables (data), Wheat.

15678-69
BLACKBERRY, DEWBERRY AND RASPBERRY INSECTS.
G T Weekman
N C Pesticide Manual 00(00):74
1968 79.8 N81
Blackberries, Chemical control (insects), Insect pests, Insecticides, Raspberries, Surveys.

NEMATODES

15679-69
SOIL TREATMENT FOR CONTROL OF NEMATODES AND CERTAIN SOIL-BORNE DISEASES.
Anonymous
N C Pesticide Manual 00(00):115
1968 79.8 N81
Chemical control (nematodes), Chemical control (plant diseases), Plant nematodes, Soil treatment, Soil-borne plant diseases.

15680-69
SOIL TREATMENT FOR CONTROL OF NEMATODES AND CERTAIN SOIL-BORNE DISEASES.
Anonymous
N C Pesticide Manual 00(00):112
1967 79.8 N81
Chloropicrin, Dichloropropane dichloropropene mixture, Dichloropropene, 1,3-, Ethylene dibromide, Methyl bromide, Nematodes, Soil treatment, Soil-borne plant diseases.

15681-69
LESION NEMATODE, PRATYLENCHUS BRACHYURUS, ATTACKING CRYPTOMERIA JAPONICA IN SINGPORE.
C L Chin
Plant Dis Rep 53(10):798
Oct 1969 1.9 P69P
Cryptomeria japonica, Plant nematodes, Pratylenchus brachyurus.

15682-69
STUDIES OF PLANT AND SOIL NEMATODES. 14. FIVE NEW SPECIES OF TYLENCHORHYNCHUS COBB, PARATYLENCHUS MICOLETZKY, MORULAIMUS SAUER AND HEMICYCLIOPHORA DE MAN (NEMATODA: TYLENCHOIDEA.
R C Colhran
Queensland J Agr Anim Sci 26(2):181-192
Jun 1969 23 Q37
Nematodes, Plant nematodes, Pratylenchus, Taxonomy, Tylenchorhynchus.

15683-69
SOIL FUMIGANTS FOR NEMATODE IN COTTON.
H R Garriss W E Cooper
N C Pesticide Manual 00(00):51
1967 79.8 N81
Chemical control (nematodes), Cotton, Fumigants, Nematodes.

15684-69
SOIL FUMIGANTS FOR NEMATODE CONTROL IN COTTON.
H R Garriss W E Cooper
N C Pesticide Manual 00(00):53
1968 79.8 N81
Chemical control (pests), Chlorinated hydrocarbons, Cotton, Plant nematodes, Surveys.

15685-69
ESTABLISHING OVERALL PLANT PROTECTION. (GER)
F Grossmann
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(3):143-149
Mar 1967 464.8 Z3
Cercosporella herpotrichoides, Fungus diseases (plants), Fusarium oxysporum, Ophiobolus graminis, Plant nematodes, Plant regulators, Pratylenchus penetrans, Seed germination, Soil-borne plant diseases, Wheat. English summary

15686-69
NOTE ON EFFECTS OF NEMATICIDES AND HEAT TREATMENT ON THE CONTROL OF ROOT-KNOT NEMATODE IN TOBACCO NURSERIES.
G V G Krishna Murthy N A Elias
Indian J Agr Sci 39(3):263-265
Mar 1969 22 AG83I
Chemical control (nematodes), Heat treatment, Meloidogyne incognita, Nematocides, Seedlings, Tobacco.

15687-69
INVESTIGATION OF THE INFECTION OF POTATO NEMATODE (HETERODERA ROSTOCHIENSIS WOLLENWEBER) CYSTS BY THREE INSECT PATHOGENIC FUNGI. (GE)
E Muller-Kogler W Stein
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(4):201-204
1967 464.8 Z3
Biology, Cysts, Entomogenous fungi, Fungus diseases (plants), Heterodera rostochiensis, Plant nematodes, Potatoes.

15688-69
A SIMPLE DEVICE FOR INJECTING METHYL BROMIDE INTO A REPLANT SITE.
J H O'Bannon F W Bistline
Plant Dis Rep 53(10):799-802
Oct 1969 1.9 P69P
Agriculture, Chemical control (nematodes), Citrus, Dairy equipment, Methyl bromide, Plant nematodes, Soil treatment.

15689-69
THE EFFECTS OF INFECTION BY HETERODERA ROSTOCHIENSIS AND RHIZOCTONIA SOLANI ON DEVELOPMENT AND YIELD OF POTATOES IN POTS. (GER)
H Stelter G Meinl
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):671-675 REF
Nov 1967 464.8 Z3
Crop yields, Heterodera rostochiensis, Plant nematodes, Plant physiology, Potatoes, Rhizoctonia solani. English summary

15690-69
FUMIGANT NEMATOCIDES FOR TOBACCO.
F A Todd C J Nusbaum
N C Pesticide Manual 00(00):62
1968 79.8 N81
Chemical control (pests), Fumigants, Nematocides, Plant nematodes, Root knot, Surveys, Tobacco.

15691-69
MULTIPURPOSE DISEASE CONTROL SOIL FUMIGANTS FOR TOBACCO. NEMOTODES, BLACK SHANK AND BLACK ROOT ROT.
F A Todd C J Nusbaum
N C Pesticide Manual 00(00):62-63
79.8 N81
Black root rot, Black shank, Plant diseases, Plant nematodes, Soil fumigation, Telone, Tobacco, Vorlex.

15692-69
SOIL FUMIGANTS FOR CONTROL OF NEMATODE DISEASES OF TOBACCO.
F A Todd C J Nusbaum
N C Pesticide Manual 00(00):60
1967 79.8 N81
Chemical control (nematodes), Fumigation, Nematodes, Tobacco.

15693-69
NEMATODE CONTROL IN WOODY ORNAMENTALS.
J C Wells
N C Pesticide Manual 00(00):103
1968 79.8 N81
Chemical control (nematodes), Dibromo-3-chloropropane, 1,2-, Grasses, Nematocides, Ornamental plants, Pesticide application, Plant nematodes.

15694-69
CHEMICAL CONTROL OF NEMATODES IN SUGARCANE.
J A Winchester
Down Earth 23(4):19-21 SPRING
1968 381 D75 .
Biochemistry, Chemical control (nematodes), Chlorinated hydrocarbons, Crop yields, Dibromo-3-chloropropane, 1,2-, Dichloropropane dichloropropene mixture, Diethyl O-p-((methylsulfinyl)phenyl) phosphorothioate, O, Ethylene dibromide, Ethylene dichloride, Meloidogyne arenaria thamesi, Nematocides, Organophosphorus compounds, Parasitism, Plant nematodes, Population, Sugarcane, Tylenchorhynchus martini.

WEEDS

15695-69
EFFECT OF STAGE OF GROWTH OF FIELD BINDWEED ON ABSORPTION AND TRANSLOCATION OF C-14-LABELED 2,4-D AND PICLORAM.
C S O Agbakoba J R Goodin
Weed Sci 17(4):436-438 REF
Oct 1969 79.8 W41
Absorption, Carbon-14, Convolvulus arvensis, D, 2,4-, Herbicides, Picloram, Plant biochemistry, Plant physiology, Translocation.

15696-69
TRANSFORMATION OF SOLAN IN SOIL.
R Bartha
Weed Sci 17(4):471-472
Oct 1969 79.8 W41
Chemical analysis, Chromatography, Herbicides, Infrared spectra, Soil chemistry, Solan.

15697-69
HERBICIDE CONCENTRATIONS IN LIVE OAK TREATED WITH MIXTURES OF PICLORAM AND 2,4,5-T.
J R Baur R W Bovey J D Smith
Weed Sci 17(4):567-570 REF
Oct 1969 79.8 W41
Chemical analysis, Chromatography, Herbicide residues, Herbicides, Picloram, Quercus virginiana, T, 2,4,5-.

15698-69
DISTRIBUTION OF ROOT-ABSORBED PICLORAM.
J R Baur R W Bovey
Weed Sci 17(4):524-528
Oct 1969 79.8 W41
Absorption, Acacia farnesiana, Picloram, Plant physiology, Prosopis juliflora, Roots, Seedlings.

15699-69
EQUIPMENT FOR INCORPORATION OF HERBICIDES.
L E Bode M R Gebhardt
Weed Sci 17(4):551-555
Oct 1969 79.8 W41
Chlorinated hydrocarbons, Herbicide application, Herbicides, Trifluralin.

15700-69
GRANULAR HERBICIDES FOR WOODY PLANT CONTROL.
R W Bovey H L Morton J R Baur J D Diaz-Colon C C Dowler
Weed Sci 17(4):533-541
Oct 1969 79.8 W41
Acacia farnesiana, Bromacil, Chemical control (weeds), Granular herbicides, Ilex vomitoria, Picloram, Prosopis juliflora, Quercus virginiana, Shrubs.

15701-69
HERBICIDES IN FORESTRY.
R M Brown

J Sci Food Agr 20(8):509-512 REF
Aug 1969 382 SO12
Forestry, Herbicides, Labor productivity, T, 2,4,5-.

15702-69
ABSORPTION AND TRANSLOCATION OF 2,4D BY WOLFTAIL (CAREX CHEROKEENSIS SCHWEIN).
E R Burns G H Buchanan A E Hiltbold
Weed Sci 17(4):401-404 REF
Oct 1969 79.8 W41
Absorption, Carbon-14, Carex, D, 2,4-, Herbicides, Phenoxy acid compounds, Plant biochemistry, Plant physiology, Radioactive tracers, Translocation.

15703-69
EFFECT OF WEEDS ON HARVESTING EFFICIENCY IN CORN, SORGHUM, AND SOYBEANS.
O C Burnside G A Wicks D D Warnes B R Somerhalder S A Weeks
Weed Sci 17(4):438-441
Oct 1969 79.8 W41
Corn, Crop losses, Freezing, Harvesting, Sorghum, Soybeans, Weeds.

15704-69
PHYTOTOXICITY, LEACHABILITY, AND SITE OF UPTAKE OF 2-CHLORO-2',6'-DIETHYL-N-(METHOXYMETHYL) ACETANILIDE.
Y Eshel
Weed Sci 17(4):441-444
Oct 1969 79.8 W41
Chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide, 2-, Cotton, Herbicides, Leaching, Phytotoxicity, Plant physiology.

15705-69
CHEMICAL VERSUS MECHANICAL FALLOW OF ABANDONED CROPLANDS.
A C Everson D N Hyder H R Gardner R E Bement
Weed Sci 17(4):548-551 REF
Oct 1969 79.8 W41
Agropyron, Chemical treatment, Chlorinated hydrocarbons, Dalapon, Fallowing, Herbicides, Mechanization, Soil moisture.

15706-69
HERBICIDE EQUILIBRIUM IN SOILS IN RELATION TO SOIL WATER CONTENT.
R E Green S R Obien
Weed Sci 17(4):514-519 REF
Oct 1969 79.8 W41
Adsorption, Atrazine, Herbicides, Soil moisture.

15707-69
THE CHROMATOGRAPHIC IDENTIFICATION OF SUBSTITUTED UREA HERBICIDES.
R J Hance
J Chromatography 44(2):419-421 REF
28 Oct 1969 475 J824
Chemical analysis, Chromatography, Urea herbicides.

15708-69
RESPONSE OF WEEDS AND SOYBEANS TO AMIBEN AND NAPTALAM INDIVIDUALLY AND IN MIXTURES WITH DINOSEB.
E W Hauser W H Marchant
Weed Sci 17(4):446-448
Oct 1969 79.8 W41
Amiben, Chemical control (weeds), Dinoseb, Herbicides, Naptalam, Plant physiology, Soybeans, Weeds.

15709-69
AQUATIC WEEDS.
L G Holm L W Weldon R D Blackburn
Science 166(3906):699-709 MAP REF
07 Nov 1969 470 SCI2
Aquatic plants, Biological control (weeds), Chemical control (weeds), Cultural control (weeds), D, 2,4-, Diquat, Pistia stratiotes, Plant translocation, Salvinia, Snails, Surveys, Weeds.

15710-69
EFFECT OF LIGHT ON THE HERBICIDAL ACTIVITY OF SOME AMIBEN DERIVATIVES.
A R Isensee J R Plimmer B C Turner
Weed Sci 17(4):520-523
Oct 1969 79.8 W41
Absorption spectra, Amiben, Herbicide residues, Herbicides, Light, Photochemistry.

15711-69
CHEMICAL WEED CONTROL IN FLORAL CROPS.
J M Jenkins W A Scroch T J Monaco
N C Pesticide Manual 00(00):102
1968 79.8 N81
Chemical control (weeds), Crops, D, 2,4-, Diuron, Flowers, Herbicide application, Herbicides, Trifluralin, Weeds.

15712-69
EFFECTS AND CULTURAL COMPATIBILITY OF CABBAGE HERBICIDES. (GER)
W Kampe
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):666-671
Nov 1967 464.8 Z3
Cabbage, Cauliflower, Chemical control (weeds), Cultural control (weeds), Desmetryne, Herbicides, Plant biochemistry, Toxicology. English summary

15713-69
POSTEMERGENCE HERBICIDE APPLICATIONS FOR CORN.
E L Knake F W Slife D L Mulvaney
N Cent Weed Contr Conf Res Rep 24:120
1967 79.9 N81R
Abutilon theophrasti, Amaranthus retroflexus, Chemical control (weeds), Corn, Herbicide application, Herbicides, Oils, Polygonum pensylvanicum, Setaria viridis. Many herbicides were tested on different weed species.

15714-69
BIOLOGICAL CHARACTERISTIC FEATURES OF SEVERAL WEED PLANTS AND THE FIGHT AGAINST THEM. (RUS)
I G Kovacheu
Priroda (Sofia) (3,MAY-JUN):75-77
Jun 1967 410 P934
Plant taxonomy, Weed control.

15715-69
STUDIES ON ATRAZINE AND 2,4-D USED IN DEFENSE OF MAIZE IN THE AREA OF RUSSE IRRIGATION SYSTEM. (RU)
V Kovachev M Makarov
Akad Selskostopanskite Nauk Bulguriyu Inst Rast Izv 6(5):117-125 REF
1969 451 B872
Atrazine, Chemical control (weeds), Corn, D, 2,4-, Herbicides, Irrigation ditches.

15716-69
CHEMICAL WEED CONTROL IN LAWNS AND TURF.
W M Lewis
N C Pesticide Manuul 00(00):107-108
1968 79.8 N81
Chemical control (weeds), Herbicide application, Herbicides, Lawns, Turf, Weeds.

15717-69
CHEMICAL WEED CONTROL OF AQUATIC PLANTS.
W M Lewis A D Worsham
N C Pesticide Manuul 00(00):38-39
1967 79.8 N81
Aquatic plants, Chemical control (weeds), Weed control.

15718-69
CHEMICAL WEED CONTROL IN HAY CROPS AND PASTURES.
W M Lewis A D Worsham T W Waldrep
N C Pesticide Munual 00(00):43-48
1967 79.8 N81
Chemical control (weeds), Hay, Pastures, Weed control.

15719-69
CHEMICAL WEED CONTROL IN HAY CROPS AND PASTURES.
W M Lewis A D Worsham T W Waldrep
N C Pesticide Manual 00(00):45-50
1968 79.8 N81
Chemical control (weeds), Field crops, Hay, Herbicide application, Herbicides, Pastures, Surveys.

15720-69
CHEMICAL WEED CONTROL IN LAWNS AND TURF.
W M Lewis A D Worsham
N C Pesticide Manual 00(00):104-105
1967 79.8 N81
Chemical control (weeds), Lawns, Turf, Weed control.

15721-69
CHEMICAL CONTROL OF AQUATIC PLANTS.
W M Lewis A B Rogerson A D Worsham
N C Pesticide Manual 00(00):39-41
1968 79.8 N81
Aquatic plants, Chemical control (weeds), Herbicide application, Herbicides, Surveys.

15722-69
PARAQUAT FOR WEED CONTROL PRIOR TO ESTABLISHING LEGUMES.
D L Linscott A A Akhavein R D Hagin
Weed Sci 17(4):428-431 REF
Oct 1969 79.8 W41
Agropyron repens, Alfalfa, Birdsfoot trefoil, Chemical control (weeds), Cyperus esculentus, Herbicides, Legumes, Paraquat.

15723-69
SOME CHRONIC EFFECTS OF DIURON ON BLUEGILLS.
J P McCraren O B Cope L Eller
Weed Sci 17(4):497-509 REF
Oct 1969 79.8 W41
Chromatography, Diuron, Fish, Herbicides, Marine biology, Pesticide residues, Population, Toxicology.

15724-69
PLANT RESPONSE TO HERBICIDE PLACEMENT IN SOIL.
R K Nishimoto A P Applehy W R Furtick
Weed Sci 17(4):475-478 REF
Oct 1969 79.8 W41
Atrazine, Diuron, Ethyl N,N-dipropylthiocarbamate, Herbicides, Oats, Phytotoxicity, Plant physiology, Setaria viridis, Soils.

15725-69
DEGRADATION OF ATRAZINE IN FOUR HAWAIIAN SOILS.
S R Obien R E Green
Weed Sci 17(4):509-514 REF
Oct 1969 79.8 W41
Atrazine, Chlorinated hydrocarbons, Chromatography, Degradation, Herbicides, Hydrogen-ion concentration, Pesticide residues, Soils.

15726-69
BROMACIL INTERACTIONS IN PLANT BIOASSAY, FUNGI CULTURE, AND NITRIFICATION.
S K Pancholy J Q Lynd
Weed Sci 17(4):460-463
Oct 1969 79.8 W41
Biological assay, Bromacil, Fungi, Nitrification, Phytotoxicity, Plant biochemistry.

15727-69
GAINS IN TIMOTHY FORAGE FROM GOLDENROD CONTROL WITH 2,4-D, 2,4-DB, AND PICLORAM.
E J Peters S A Lowance
Weed Sci 17(4):473-474
Oct 1969 79.8 W41

Chemical control (weeds), Crop yields, D, 2,4-, Dichlorophenoxy)butyric acid, 4-(2,4-, Herbicides, Phleum, Pieloram, Solidago.

15728-69
RESULTS FROM USE OF 2,4-D AND 2M-4X IN GRAIN MAIZE CROP. (RU
P Petkova B Manov
Akad Selskostopanskite Nauk Bulgariya Inst Rast Izv 6(6).113-123 REF
1969 451 B872
Chemical control (weeds), Corn, D, 2,4-, Herbicides, Methyl-4-chlorophenoxyacetic acid, 2-.

15729-69
DRYLAND SORGHUM PRODUCTION AND WEED CONTROL WITH MINIMUM TILLAGE.
W M Phillips
Weed Sci 17(4):451-454 REF
Oct 1969 79.8 W41
Atrazine, Chemical control (weeds), Herbicides, Sorghum, Tillage, Wheat.

15730-69
USE OF PRE-EMERGENCE HERBICIDES IN NAVY BEANS.
J E Rawson
Queensland J Agr Anim Sci 26(2):231-234
Jun 1969 23 Q37
Amiben, Chemical control (weeds), D, 2,4-, Herbicides, Kidney beans, Linuron, Phytotoxicity, Sesone.

15731-69
NEW METHOD OF INJECTING HERBICIDES FOR WEED CONTROL IN CORN AND SOYBEANS.
J W Schrader J D Doll W F Meggitt
N Cent Weed Contr Conf Res Rep 24:117-118
1967 79.9 N81R
Chemical control (weeds), Corn, D, 2,4-, Dyes, Equipment, Ethyl N,N-dipropylthioearbamate, Herbicide application, Herbicides, Injections, Methodology, Phenoxy acid compounds, Soybeans, Spraying. Many herbicides were tested.

15732-69
MOVEMENT AND PERSISTENCE OF PICLORAM IN PASTURE SOILS OF NEBRASKA.
C J Seifres O C Burnside M K McCarthy
Weed Sci 17(4):486-488
Oct 1969 79.8 W41
Herbicides, Pastures, Pesticide residues, Pieloram, Soils, Soybeans.

15733-69
TRANSLOCATION AND METABOLISM OF MAA-C14 IN JOHNSONGRASS AND COTTON.
M M Sekerl R E Frans
Weed Sci 17(4):421-427 REF
Oct 1969 79.8 W41
Carbon-14, Chemical analysis, Chromatography, Cotton, Disodium methanearsonate, Herbicides, Plant biochemistry, Plant metabolism, Sorghum halepense, Translocation.

15734-69
CHEMICAL WEED CONTROL IN WOODY ORNAMENTALS.
W A Seroch
N C Pesticide Manual 00(00):101-102
1968 79.8 N81
Chemical control (weeds), Herbicide application, Herbicides, Ornamental plants, Shrubs, Weeds.

15735-69
DOMESTIC QUARANTINE NOTICES. WITCHWEED. REGULATED AREAS.
D R Shepherd
Fed Regist 33(160):11631
16 Aug 1968 L1.451
Agricultural regulation, Plant quarantine, Striga.

15736-69
CHEMICAL WEED CONTROL IN VEGETABLE CROPS.
W A Skroch T J Monaco
N C Pesticide Manual 00(00):123-126
1968 79.8 N81
Chemical control (weeds), Herbicide application, Herbicides, Vegetables, Weeds.

15737-69
CHEMICAL WEED CONTROL IN FRUIT CROPS.
W A Skroch T J Monaco
N C Pesticide Manual 00(00):80-82
1968 79.8 N81
Chemical control (weeds), Fruit, Herbicide application, Herbicides, Surveys.

15738-69
CHEMICAL WEED CONTROL IN VEGETABLE CROPS.
W A Skroch A D Worsham W M Lewis
N C Pesticide Manual 00(00):120-123
1967 79.8 N81
Chemical control (weeds), Herbicides, Vegetables, Weed control.

15739-69
CONTROL OF WEEDS IN WHEAT CROP BY 2, 4-D.
D D Srivastava
Plant Protect Bull 19(3):42
1967 421 P69
Chemical control (weeds), D, 2,4-, Herbicides, Weeds, Wheat.

15740-69
ABSORPTION AND TRANSLOCATION OF SIMAZINE IN PARROTFEATHER.
D L Sutton S W Bingham
Weed Sci 17(4):431-435 REF
Oct 1969 79.8 W41
Absorption, Chemical analysis, Chromatography, Herbicides, Myriophyllum, Plant biochemistry, Simazine, Translocation.

15741-69
DEFOLIATION OF COTTON.
W G Toomey A D Worsham
N C Pesticide Manual 00(00):49-50
1967 79.8 N81
Cotton, Cotton defoliation, Defoliants.

15742-69
APPLICATION OF GRANULATED HERBICIDES IN SPECIAL CULTURES, PRESENTED WITH THE PRODUCT DBN. OOSTERHOF, G. (GE)
H Uhl S Zahir
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):233-236
Jan 1969 410.9 G31M
Diehlobenil, Herbicide application, Methodology. English abstract.

15743-69
EFFECTS OF 2,4-D ON SEED PRODUCTION AND EMBRYO DEVELOPMENT OF CURLY DOCK.
M A Un P B Cavers
Weed Sci 17(4):533-536
Oct 1969 79.8 W41
D, 2,4-, Embryos, Herbicides, Plant physiology, Rumex crispus, Seed germination, Seeds.

15744-69
RESPONSE OF TURKEY OAK TO 2,4,5-T AS A FUNCTION OF FINAL FORMULATION OIL CONTENT.
R P Upchurch J A Keaton H D Coble
Weed Sci 17(4):505-509 REF
Oct 1969 79.8 W41
Herbicides, Oils, Plant biochemistry, Plant physiology, Quercus laevis, T, 2,4,5-.

15745-69
INFLUENCE OF THE HERBICIDES ARETIT, PROMETRIN AND CHLOROXURON ON THE YIELD AND SOME PHYSIOLOGICAL PROCESSES IN PEAS. (RU)
B Velev
Akad Selskostopanskite Nauk Bulgariya Inst Rast Izv 6(6):125-131 REF
1969 451 B872
Chemical control (weeds), Chloroxuron, Herbicides, Peas, Plant physiology, Plant respiration, Plant transpiration.

15746-69
COMPETITION BETWEEN KOCHIA AND SUGARBEETS.
D M Weatherspoon E E Schweizer
Weed Sci 17(4):464-467 REF
Oct 1969 79.8 W41
Competition, Crop yields, Cultural control (weeds), Kochia, Sugar beets.

15747-69
ADSORPTION OF S-TRIAZINES BY SOIL ORGANIC MATTER.
J B Weber S B Weed T M Ward
Weed Sci 17(4):417-421 REF
Oct 1969 79.8 W41
Adsorption, Chemical analysis, Herbicides, Hydrogen-ion concentration, Soil organic matter, Spectrophotometry, Triazines.

15748-69
WEED CONTROL IN SUGARBEETS WITH HERBICIDES AND CULTIVATION.
G A Wicks F N Anderson
Weed Sci 17(4):456-459
Oct 1969 79.8 W41
Chemical control (weeds), Cultural control (weeds), Cycloate, Dalapon, Endothal, Herbicides, Pebulate, Pyrazon, Sugar beets.

15749-69
SELECTIVE CONTROL OF PLAINS PRICKLYPEAR IN RANGELAND WITH HERBICIDES.
G A Wicks C R Fenster O C Burnside
Weed Sci 17(4):408-411 REF
Oct 1969 79.8 W41
Chemical control (weeds), Dicamba, Herbicides, Opuntia, Pieloram, Silvex, T, 2,4,5-.

15750-69
PLANT AND SOIL ARSENIC ANALYSES.
R E Wilkinson
Weed Sci 17(4):536-537
Oct 1969 79.8 W41
Arsenic, Chemical analysis, Cotton, Herbicides, Monosodium acid methanearsonate, Neutron activation analysis, Plant biochemistry, Soil chemistry, Translocation.

15751-69
USE OF BIPYRIDYL HERBICIDES IN FORESTRY.
D F Wilson
J Sci Food Agr 20(8):506-508
Aug 1969 382 SO12
Bipyridylium compounds, Chemical control (weeds), Forestry, Herbicides, Paraquat, Weed control.

15752-69
CHEMICAL CONTROL OF SPECIFIC WEEDS.
A D Worsham W M Lewis W A Skroch
N C Pesticide Manual 00(00):116-117
1968 79.8 N81
Chemical control (weeds), Herbicide application, Herbicides, Spraying, Surveys, Weeds.

15753-69
CHEMICAL CONTROL OF WOODY PLANTS.
A D Worsham W M Lewis H D Coble
N C Pesticide Manual 00(00):38
1968 79.8 N81
Chemical control (weeds), Herbicide application, Herbicides, Shrubs, Surveys.

15754-69
CHEMICAL CONTROL OF SPECIFIC WEEDS.
A D Worsham W M Lewis G K Klingman W A Skroch
N C Pesticide Manual 00(00):113-114
1967 79.8 N81
Chemical control (weeds), Grasses, Herbicides, Weeds.

15755-69
CHEMICAL CONTROL OF WOODY PLANTS.
A D Worsham W M Lewis H D Coble
N C Pesticide Manual 00(00):37
1967 79.8 N81
Chemical control (weeds), Climbing plants, Shrubs.

15756-69
WEED CONTROL. GENERAL INFORMATION.
A D Worsham W M Lewis G C Klingman W A Skroch
N C Pesticide Manual 00(00):23-36
1967 79.8 N81
Herbicide application, Herbicides, Residues, Toxicology, Weed control.

OTHER PESTS

15757-69
ANIMAL CONTROL SUGGESTIONS AND BAIT FORMULATIONS.
V D Cunningham
N C Pesticide Manual 00(00):141-148
1968 79.8 N81
Baits, Birds, Integrated control (pests), Rodents.

15758-69
SECTION VI.--ANIMAL CONTROL.
J P Hardister
N C Pesticide Manual 00(00):169-176
1969 79.8 N81
Animals, Baits, Chemical control (pests), Insect repellents, Rodenticides, Rodents, Surveys.

15759-69
THE POISONER'S PRIMER. CAUSED BY A CYTOPLASMIC VIRUS SMITHIAVIRUS PITHYOCAMPAE VAG..
K M Niblock A Ruperez
New Zeal J Agr 119(3):79,81
Sep 1969 23 N48J
Accident prevention, Chemical control (pests), Cyanides, Cytoplasm, Insect diseases, Opossums, Pesticide application, Thaumetopoea pityocampa.

15760-69
GERMAN FOREST-PROTECTION LITERATURE 1965/66. III. DEFENSIVE MASS PROTECTION AGAINST ANIMAL PESTS. (GE)
W Thalenhorst
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 74(11/12):689-692 REF
Nov 1967 464.8 Z3
Forests, Pest control, Pesticides, Plant protection, Wildlife pests.

LIVESTOCK PROTECTION

DISEASES

15761-69
GUMBORO DISEASE IN CHICKENS. (SP)
I Adamesteanu C Adamesteanu
Rev Zootech Med Vet 18(3):48-53
Mar 1968 49 P943
Anatomy, Breeding, Bronchitis, Bursa, Chickens, Gumboro disease, Muscles, Poultry diseases, Preventive medicine, Veterinary hospitals, Virus diseases (animals). French summary

15762-69
INFECTIONS CORYZA OF POULTRY.
S C Adlakha
Indian Farming 19(9):45-47
Jul 1969 22 IN283
Antibiotics, Control, Coryza, Haemophilus gallinarum, Pasteurella multoeida, Poultry diseases, Virus diseases (animals).

15763-69
COMMENTS ON AN OUTBREAK OF FOOD TOXIINFECTION WITH SALMONELLA TYPHIMURIUM IN AN OPEN COMMUNITY. (RUM)
D Alexandrescu E Voina S Popovici G Flocea G Vasilescu
Microbiol Parazitol Epidemiol 12(6):533-536
Nov 1967 448.3 M584
Animal morphology, Communities, Epidemiology, Food poisoning, Human diseases, Salmonella typhimurium, Swine. English and German summaries

15764-69
INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY. CYSTICERCOSIS. REVOCATION OF REGULATIONS.
R J Anderson
Fed Regist 33(159):11587
15 Aug 1968 L1.451
Agricultural regulation, Animal quarantine, Cattle, Echinococcosis, Interstate commerce, Parasitism, Poultry, Transportation.

15765-69
INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY. DUCK VIRUS ENTERITIS (DUCK PLAGUE). APPROVED SOURCE FLOCKS.
R J Anderson
Fed Regist 33(198,PT.1):15108
10 Oct 1968 L1.451
Agricultural regulation, Animals, Ducks, Enteritis, Poultry, Transportation, Vaecines, Virus diseases (animals).

15766-69
BOVINE BRUCELLOSIS IN THE STATE OF SAO PAULO. INCIDENCE IN THE REGION OF RIBEIRAO PRETO.
F De Assis Tupinamba Valente L Braz Siqueira Amaral
Biologico 35(5):97-104
May 1969 442.8 B529
Brucellosis, Cattle, Livestock diseases, Surveys.

15767-69
EXPERIMENTAL INFECTION OF CALVES WITH MYXOVIRUS PARAINFLUENZA-3 AND PASTEURELLA HAENOLYTICA.
D E Baldwin R G Marshall G E Wessman
Amer J Vet Res 28(127)1773-1782 REF
Nov 1967 41.8 AM3A
Antibodies, Calves, Immunization, Parainfluenza-3 virus, Pasteurella hemolytica.

15768-69
ANTIGENIC ANALYSIS OF BOVINE ENTEROVIRUSES THROUGH STUDIES OF THE KINETICS OF NEUTRALIZATION.
M A Barya T Moll D E Mattson
Amer J Vet Res 28(126):1283-1294 REF
Sep 1967 41.8 AM3A
Bovine enteroviruses, Cattle, Serodiagnosis, Tissue culture.

15769-69
TECHNIQUES FOR THE DETECTION OF ENZOOTIC LEUKOSIS IN CATTLE. VALUE OF THE BLOOD TEST. POSSIBLE ERRORS. (RUS)
E Buzi T R Andrian I Georgescu
Rev Zootech Med Vet 18(4):32-38 REF
Apr 1968 49 P943
Blood tests, Cattle, Cells, Enzootic bovine leukosis, Livestock diseases, Morphology, Sampling (statistics).

15770-69
PROBLEMS OF HORSESICKNESS. STUDIES AT I. V. R. I..
M R Dhanda S Kumar
Indian Farming 19(4):39-41
Jul 1969 22 IN283
African horse sickness, Diagnosis, Epizootic diseases, Vaccines, Virus diseases (animals).

15771-69
THE CONCENTRATION OF FOOT-AND-MOUTH VIRUS BY POLYETHYLENE GLYCOL. (FR)
M-T Fayet
Acad Sci Compt Rend Ser D 268(25, 1ST SEMESTER):3140-3141
23 Jun 1969 505 P21
Biophysics, Foot-and-mouth disease virus, Methodology, Polyethylene glycol.

15772-69
ON ETIOLOGY AND SPREAD OF ATROPHIC RHINITIS IN SWINE AT SWINE FARMS IN BOSNIA AND HERZEGOVINA. (CZ)
Z Forsek Lj Rukavina A Nevejestic
Vet Glas 22(3):165
1968 41.8 J93
Anatomy, Atrophie rhinitis, Baeteriology, Etiology, Farms, Infectious diseases, Inflammation, Livestoek diseases, Metabolism, Respiratory diseases, Swine. English and Russian summaries

15773-69
PATHOLOGIC ORGIN AND MORPHOLOGY OF TUBERCULOSIS IN CATTLE TODAY. (SL)
E Gavez
Vet Glas 22(2):119-126
1968 41.8 J93
Animal morphology, Bacteriology, Cattle, Gastrointestinal system, Infectious diseases, Livestock diseases, Tuberculin, Tuberculosis. English and Russian summaries

15774-69
END-OF-SEASON MASTITIS CONTROL.
R J Gillham
Tasmanian J Agr 40(2):167-169
May 1969 23 T182T
Drug therapy, Livestock diseases, Mastitis, Sanitation.

15775-69
STIMULATION OF DNA SYNTHESIS IN BOVINE LEUKOCYTE CULTURES BY TRYPANOSOMA THEILERI ANTIGEN.
W C D Hare E J L Soulsby
J Parasitol 55(5):973-976 REF
Oct 1969 448.8 J824
Antigens, Biochemistry, Cattle, Crop yields, Deoxyribonucleic acid, Insect outbreaks, Leukocytes, Macrosiphum avenae, Tissue culture, Trypanosoma theileri, Wheat. English abstract.

15776-69
ASPERGILLOSIS OF DUCKLINGS. (SP)
S Haroviuc I Cristea
Rev Zootech Med Vet 18(3):73-76
Mar 1968 49 P943
Aspergillosis, Aspergillus fumigatus, Ducklings, Iodine compounds, Mortality, Mycosis, Poultry diseases, Sodium carbonate, Starches, Straw, Therapeutics. Hebrew and French summaries

15777-69
EROSION AND ITS SUBSEQUENT LESION IN FOWL AIR SACS. (JAP)
C Itakura
Jap J Vet Sci 30(1):7-19 REF
Feb 1968 41.8 J27
Air sacs, Animal histology, Cells, Embryos, Injuries, Microorganisms, Poultry, Respiration, Respiratory diseases. English summary

15778-69
CONTRIBUTION TO THE KNOWLEDGE OF CONTROL OF EPIZOOTIC DISEASE OF SHEEP HOOFS. (CZ)
R Katic Z Vukacevic Lj Cvetkovic R Jovanovic Lj Stojicevic
Vet Glas 22(3):171-177
1968 41.8 J93
Epizootic diseases, Hoofs, Infectious diseases, Livestock diseases, Preventive medicine, Sheep. English and Russian summaries

15779-69
NOTICE OF FILING OF PETITION FOR FOOD ADDITIVES.
J K Kirk
Fed Regist 33(186,PT.)):14380
24 Sep 1968 L1.451
Dairy cattle, Drug therapy, Feed additives, Mastitis.

15780-69
NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVES ERYTHROMYCIN AND DIETHYLSTILBESTROL.
J K Kirk
Fed Regist 33(180,PT.1):13042-13043
14 Sep 1968 L1.451
Agricultural regulation, Biochemistry, Cattle, Dicthylstilbestrol, Erythromycin, Feed additives.

15781-69
NOTICE OF FILING OF PETITION FOR FOOD ADDITIVES CARBARSONE (NOT U.S.P.), ZOALENE, PROCAINE PENICILLIN, BACITRACIN METHYLENE DISALICYLATE, ZINC BACITRACIN.
J K Kirk
Fed Regist 33(144):10586
25 Jul 1968 L1.451
Agricultural regulation, Bacitracin methylenedisalicylic acid, Blackhead, Carbarsone, Coccidiosis, Feed additives, Poultry, Procaine penicillin, Zinc bacitracin, Zoalene.

15782-69
FOOD ADDITIVES. PROPOSED REVOCATIONS REGARDING AMPROLIUM, OXYTETRACYCLINE, ZOALENE.
J K Kirk
Fed Regist 33(133):9904
10 Jul 1968 L1.451
Amprolium, Drug therapy, Feed additives, Oxytetracycline, Zoalene.

15783-69
NOTICE OF FILING OF PETITION OF FOOD ADDITIVE BUQUINOLATE.
J K Kirk
Fed Regist 33(160):11685
16 Aug 1968 L1.451
Agricultural regulation, Buquinolate, Chickens, Coccidiosis, Eimeria brunetti, Feed additives.

15784-69
NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVES.
J K Kirk
Fed Regist 33(155):11366
09 Aug 1968 L1.451
Agricultural regulation, Aklomide, Bacitracin, Chickens, Feed additives, Sulfanitran.

15785-69
NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE DISODIUM EDTA.
J K Kirk
Fed Regist 33(134):9968
11 Jul 1968 L1.451
Agricultural products, Agricultural regulation, Animals, Ethylenediaminetetraacetic acid, Feed additives, Micronutrients, Minerals.

15786-69
NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVE DIETHYLCARBAMAZINE.
J K Kirk
Fed Regist 33(134):9968
11 Jul 1968 L1.451
Accident prevention, Agricultural products, Diethylcarbamazine, Dog foods, Feed additives, Filariasis, Organophosphorus compounds.

15787-69
FOOD ADDITIVES PERMITTED IN THE FEED AND DRINKING WATER OF ANIMALS OR FOR THE TREATMENT OF FOOD-PRODUCING ANIMALS. DRUGS. ANTIBIOTIC DRUGS; EXEMPTIONS FROM LABELING AND CERTIFICATION REQUIREMENTS. CHLORTETRACYCLINE, SULFAMETHAZINE.
J K Kirk
Fed Regist 33(198,PT.1):15113-15114
10 Oct 1968 L1.451
Agricultural regulation, Antibiotics, Chlortetracycline, Drug therapy, Feed, Food additives, Livestock, Sulfamethazine, Water.

15788-69
TOXOPLASMOSIS PATHOGENESIS IN DOGS (EXPERIMENTAL INVESTIGATION). (RUS)
E P Kovaleva T F Kagoi M G Khokhlqva M G Smaikina
Zhur Mikrobiol Epidemiol Immunobiol 12:101-105
Dec 1967 448.3 Z4
Dogs, Parasitism, Toxoplasmosis, Virus diseases (animals). English summary

15789-69
LEAD POISONING AND ASPERGILLOSIS IN AN ANDEAN CONDOR.
L N Locke G F Bagley D N Frickie L T Young
Amer Vet Med Ass J 155(7):1052-1056 REF
01 Oct 1969 41.8 AM3
Animal histology, Aspergillosis, Birds, Kidneys, Lead poisoning, Lungs.

15790-69
PHYTO-TRICHOBEZOARS IN THE CAECUM OF HORSES IN THE NORTHERN TERRITORY.
J R Maconochie D M R Newman D Newton-Tabrett
Australian Vet J 44(2):81-82
Feb 1968 41.8 AU72
Gastrointestinal system, Horses, Plants.

15791-69
PHYSIOLOGIC AND ENDOCRINOLOGIC EFFECTS OF THE INSECTICIDE KEPONE IN THE JAPANESE QUAIL.
L Z McFarland P B Lacy
Toxicol Appl Pharmacol 15(2):441-450
Sep 1969 391.8 T662
Animal physiology, Birds, Decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd) p, Estrogens, Liver.

15792-69
SOUTH AUSTRALIA INSTITUTE OF MEDICAL AND VETERINARY SCIENCE: 29TH ANNUAL REPORT OF THE COUNCIL OF MEDICAL AND VETERINARY SCIENCE.
I McLachlan
29:65
Jun 1967 448.9 IN76
Animal diseases, Bacteriology, Biology, Chemistry, Histology, Research, Virology.

15793-69
SEROLOGICAL CATALOGUE OF SALMONELLA GALLINARUM AND PULLORUM IN THE AGRICULTURAL ZONE OF ARGENTINA. (SP)
E S Menchaca S I Barberis
La Plata Univ Nac Fac Cienc Vet Rev 8(18):29-33 REF
Jan 1966 41.9 L313
Bacteriology, Pullorum disease, Salmonella gallinarum, Salmonella pullorum, Serological tests.

15794-69
EPIZOOTIOLOGICAL OBSERVATIONS ON WEATHER AND LOCAL FACTOR EFFECT ON THE INCIDENCE OF OUTBREAKS OF AVIAN PASTEURELLOSIS. (RUS)
O Mihaescu G H Mircescu C Popescu
Rev Zootech Med Vet 18(4):39-46
Apr 1968 49 P943
Bacteriology, Epidemiology, Epizootic diseases, Fowl cholera, Pasteurellosis, Weather.

15795-69
UTILIZATION OF GLUCOSE IN CHICKEN LIVER AND MUSCLE AND EFFECT OF ALLOXAN ON IT. (JAP)
N Miyao M Hayashi
Jap J Vet Sci 29(5):273-282 REF
Oct 1967 41.8 J27
Alloxan, Animal physiology, Biochemistry, Chickens, Diaphragm, Fatty acids, Glucose, Liver glycogen, Muscles, Rats.

15796-69
TULAREMIA FOCUS IN THE VOLGA RIVER DELTA AND MEASURES OF ITS CONTROL. (RUS)
E I Novikova
Zhur Mikrobiol Epidemiol Immunobiol 44(3):90-94
1967 448.3 Z4
Animal vectors, Field mice, Human diseases, Immunization, Insect control, Insect vectors, Rodent control, Tularemia, Watershed management. English summary

15797-69
INVESTIGATION ON GROWTH MEDIA FOR MYCOPLASMA: EVALUATION OF INFUSIONS, PEPTONES, SERA, YEAST EXTRACTS AND OTHER SUPPLEMENTS. (JAP)
M Ogata T Ohta A Obara I Z Pan
Jap J Vet Sci 29(5):259-271 REF
Oct 1967 41.8 J27
Bacteria, Culture media, Microbiology, Mycoplasma, Peptones, Serum, Yeast cultures.

15798-69
TISSUE DISTRIBUTION OF SULFADIMETHOXINE AND SULFAMONOMETHOXINE IN HORSES AFTER INTRAVENOUS INJECTION.
S Oh-Ishi
Jap J Vet Sci 30(1):21-23 REF
Feb 1968 41.8 J27
Blood, Drug therapy, Horses, Injections, Sulfadimethoxine, Sulfameter, Synovial membrane, Tissues, Veterinary medicine. Japanese summary

15799-69
CRYPTOCOCCOSIS IN A CAT.
S Okoshi A Hasegawa
Jap J Vet Sci 30(1):39-42
Feb 1968 41.8 J27
Animal histology, Cats, Cryptococcosis, Cryptococcus neoformans, Cryptogamia, Mycology, Mycosis, Soil fungi. Japanese summary

15800-69
MIXED NATURAL FOCUS OF Q-RICKETTSIOSIS AND OF TICK-BORNE ENCEPHALITIS IN THE EASTERN-EUROPEAN SOUTH-TAIGA FORESTS. (RUS)
A A Pchelkina Z M Zhmaeva
Zh Mikrobiol Epidemiol Immunobiol 44(3):118-123
1967 448.3 Z4
Animal diseases, Antibodies, Bacteriology, Coxiella burnetii, Encephalitis, Forests, Insect vectors, Ixodides, Q fever, Rickettsial diseases. English summary

15801-69
E. COLI GASTROENTERITIS IN WEANED PIGLETS AND ATTEMPTS AT THE APPLICATION OF IMMUNOPROPHYLAXIS.
M Popovic S Zakula N Nikolin M Ercegan
Vet Glas 22(1):17-21
1968 41.8 J93
Antibiotics, Antigens, Baby pigs, Bacteria, Diarrhea, Escherichia coli, Gastroenteritis, Immunology, Infectious diseases, Preventive medicine, Serum, Swine, Therapeutics.

15802-69
THE ROLE AND IMPORTANCE OF MOLD IN THE OCCURRENCE OF ALIMENTARY INTOXICATIONS IN SWINE. (I.EXPERIMENTAL TOXICATION OF PIGLETS WITH MOLD FEED). (SL)
M Popovic S Zakula
Vet Glas 22(2):111-117 REF
1968 41.8 J93
Aspergillus, Baby pigs, Culture, Feed toxicity, Fusarium, Gastrointestinal system, Livestock dis-

cases, Molds, Mucor, Mycosis, Penicillium, Swine. English and Russian summaries

15803-69
SALMONELLOSIS INCIDENCE IN GASTRO-ENTEROPNEUMOPATHIES IN CATTLE. (SP)
V Quai C Pop V Balogh M Vicas H Oprea G Horvath I Turjuc
Rev Zootech Med Vet 18(3):54-67
Mar 1968 49 P943
Animal physiology, Bacteria, Castration, Cattle, Epizootic diseases, Gastrointestinal system, Injections, Liver, Livestock diseases, Milk analysis, Salmonella enteritidis, Salmonella essen, Salmonellosis. Summary in Hebrew and French

15804-69
SIX CASES OF HUMAN RABIES. CLINICAL AND VIROLOGICAL STUDIES. (SP)
F S Rengell E Ponce De Leon M A Hernandez
Rev Invest Salud Publica 26(4):307-318
Oct 1966 449.9 M572
Animal vectors, Bats, Human diseases, Laboratories, Rabies, Virology, Viruses. English summary

15805-69
MASKING OF THE AGGREGATION PHERMONE IN DENDROCTONUS PSEUDOTSUGAE HOPK.
J A Rudinsky
Science 166(3907):884-885
14 Nov 1969 470 SCI2
Biochemistry, Cytology, Electron microscopy, Enzymes, Nervous system diseases, Proteins, Ribonucleic acid, Ribosomes, Tissue culture, Viruses.

15806-69
IMMUNITY TO SALMONELLA INFECTION (EXPERIMENTAL INVESTIGATION). REPORT I. DYNAMICS OF 19S AND 7S ANTIBODY FORMATION AND SPECIFIC RESISTANCE IN IMMUNIZATION WITH CELLULAR COMPONENTS OF TYPHOID BACILLUS. (RUS)
E S Stanislavsky N G Fish
Zhur Mikrobiol Epidemiol Immunobiol 44(3):82-87 REF
1967 448.3 Z4
Animal disease resistance, Antibodies, Antigens, Bacillus, Bacteriology, Immunization, Immunochemistry, Mice, Salmonella, Typhus. English summary

15807-69
ROLE OF INTERFERON IN ENHANCED REPLICATION OF NEWCASTLE DISEASE VIRUS IN SWINE CELLS INFECTED WITH HOG CHOLERA VIRUS.
M Toba M Matumoto
Jap J Microbiol 13(3):303-305
Sep 1969 448.8 J273
Hog cholera virus, Interferon, Newcastle disease virus, Swine, Tissue culture, Virus diseases (animals).

15808-69
CONTROL AND ERADICATION OF ANIMAL INFECTIONS IN ARMY IN CONTEMPORARY WAR. (CZ)
V Turudic
Vet Glas 22(3):153-158
1968 41.8 J93
Armed forces, Infectious diseases, Livestock diseases, Veterinary medicine, Warfare.

15809-69
INVESTIGATIONS ON Q FEVER IN THE REPUBLIC OF MEXICO. (SP)
G Varela R Velasco
Rev Invest Salud Publica 26(4):301-306
Oct 1966 449.9 M572
Bacteriology, Blood serum, Cattle, Coxiella burnetii, Livestock diseases, Milk, Q fever, Rickettsial diseases. English conclusions

15810-69
REDUCTION OF ARBOVIRUS PLAQUE NUMBERS BY SUSPENSIONS OF NORMAL MOSQUITOES.
T M Yuill
Amer J Trop Med Hyg 18(4,PT 1):609-613 REF
Jul 1969 448.8 AM326
Aedes aegypti, Arboviruses, Culex tritaeniorhynchus, Extracts, Mice, Plaque, Virology.

ARTHROPODS

15811-69
SUGAR SOLUTION FEEDING AND ITS EFFECT ON THE RETENTION OF INFECTIVE DIROFILARIA IMMITIS LARVAE IN ANOPHELES QUADRIMACULATUS.
W J Bemrick D M Bemrick
J Med Entomol 6(3):278-279
Aug 1969 421 J828
Anopheles quadrimaculatus, Dirofilaria immitis, Feeding, Larvae, Sugars, Temperature.

15812-69
LIVESTOCK AND POULTRY INSECTS.
J Falter
N C Pesticide Manual 00(00):86-91
1968 79.8 N81
Chemical control (insects), Insect pests, Insecticide application, Insecticides, Livestock, Poultry, Surveys.

15813-69
THE USE OF CHLOROPHOS WITH PROLONGATOR FOR ANTITICK TREATMENT OF CATTLE IN A FOCUS OF CRIMEAN HEMORRHAGIC FEVER. (RUS)
V D Poleschuk V I Vashkov D N Stolbov Y V Zimina
Zhur Mikrobiol Epidemiol Immunobiol 12:87-91 REF
Dec 1967 448.3 Z4
Cattle, Chemical control (insects), Epidemic hemorrhagic fever, Insect vectors, Insecticides, Ixodides, Livestock diseases, Organophosphorus compounds, Trichlorfon. English summary

15814-69
INSECTS ON HUMANS.
R L Robertson
N C Pesticide Manual 00(00):85
1968 79.8 N81
Chemical control (insects), Chlordane, Dieldrin, DDT, Humans, Insect pests, Insecticide application, Insecticides, Lindane, Toxaphene.

15815-69
THE PHARMACOKINETICS OF HEOD (DIELDRIN) IN THE RAT.
J Robinson M Roberts M Baldwin A I T Walker
Food Cosmet Toxicol 7(4):317-332 REF
Jul 1969 391.8 F73
Adipose tissue (animals), Blood, Brain, Chlorinated hydrocarbons, Dieldrin, Liver, Pharmacology, Rats.

15816-69
EPIDEMIOLOGY OF WESTERN ENCEPHALITIS IN ALBERTA: RESPONSE OF NATURAL POPULATIONS OF MOSQUITOES TO AVIAN HOST.
J A Shemanchuk
J Med Entomol 6(3):269-275
Aug 1969 421 J828
Aedes, Chickens, Culex tarsalis, Culiseta, Disease transmission, Population, Surveys, Western equine encephalomyelitis virus.

15817-69
ABUNDANCE OF RODENTS AND FLEAS AS RELATED TO PLAGUE IN LAVA BEDS NATIONAL MONUMENT, CALIFORNIA.
H E Stark A R Kinney
J Med Entomol 6(3):287-294 REF
Aug 1969 421 J828
Ecology, Insect vectors, Plague, Rats, Rodents, Siphonaptera, Surveys.

PARASITES

15818-69
INTERSTATE TRANSPORTATION OF ANIMALS AND POULTRY. CYSTICEROSIS. CHANGE IN AREAS QUARANTINED.
R J Anderson
Fed Regist 33(139):10280
18 Jul 1968 L1.451
Animal quarantine, Animals, Echinococcosis, Interstate commerce, Parasitism, Poultry, Transportation.

15819-69
SPECIES OF GASTRO-INTESTINAL NEMATODES IN SHEEP WITHIN THE DISTRICT OF SOUTHERN BACKA AND NORTHERN BANAT. I. INTENSITY AND DYNAMICS OF OCCURRENCE. (CZ)
R Golosin
Vet Glas 22(3):193-198
1968 41.8 J93
Epidemiology, Gastrointestinal system, Nematodes, Parasitism, Sheep. English and Russian summaries

15820-69
EIMERIA SAITAMAE N. SP.: A NEW CAUSE OF COCCIDIOSIS IN DOMESTIC DUCKS (ANAS PLATYRHYNCHA VAR. DOMESTICA). (JA)
I Inque
Jap J Vet Sci 29(4):209-215 REF
Aug 1967 41.8 J27
Coccidiosis, Ducklings, Eimeria saitamae, Feces, Intestines, Parasitism, Poultry diseases, Sporozoa.

15821-69
STUDIES ON AVIAN MALARIA IN JAPAN. I. LIFE CYCLE, ESPECIALLY EXOERYTHROCYTIC GROWTH OF THE PARASITE. (JAP)
K Itagaki M Tsubokura
Jap J Vet Sci 30(1)1-6 REF
Feb 1968 41.8 J27
Avian malaria, Blood cells, Chickens, Erythrocytes, Morphology, Parasitism, Parasitology, Plasmodium. English summary

15822-69
THE PROTECTIVE EFFECT OF HEXACHLOROPHANE AGAINST INFECTION WITH FASCIOLA HEPATICA.
S B Kendall I J Sinclair
Res Vet Sci 10(5):481-482
Sep 1969 41.8 R312
Beans, Curculionidae, Drug therapy, Fasciola hepatica, Insect taxonomy, Methylenebis(3,4,6-trichlorophenol), 2,2'-, Rabbits, Zoogeography.

15823-69
EXPERIMENTAL STUDIES ON ANCYLOSTOMIASIS IN CATS IV. EXPERIMENTAL INFECTION OF ANCYLOSTOMA TUBAEFORME AND A. CANINUM TO CAT.
S Okoshi Y Murata
Jap J Vet Sci 29(5):251-258 REF
Oct 1967 41.8 J27
Ancylostoma caninum, Ancylostoma tubaeforme, Ancylostomiasis, Cats, Hookworm disease, Nematodes, Parasitism.

15824-69
EXPERIMENTAL STUDIES ON TOXASCARIS LEONINA. II. DIAGNOSIS AND TREATMENT OF TOXASCARIASIS IN DOGS AND CATS.
S Okoshi M Usui
Jap J Vet Sci 29(5):245-250
Oct 1967 41.8 J27
Anthelmintics, Ascariasis, Cats, Dogs, Nematodes, Parasitism, Toxascaris leonina.

15825-69
EXPERIMENTAL STUDIES ON TOXASCARIS LEONINA. I. INCIDENCE OF T. LEONINA AMONG DOGS AND CATS IN JAPAN. (JA)

S Okoshi M Usui
Jap J Vet Sci 29(4):185-194 REF
Aug 1967 41.8 J27
Animal diseases, Ascariasis, Cats, Dogs, Infectious diseases, Nematodes, Parasitism, Toxascaris leonina, Toxocara canis, Toxocara cati.

15826-69
EXPERIMENTAL STUDIES ON ANCYLOSTOMIASIS IN CATS. III. EGG CULTURE OF ANCYLOSTOMA TUBAEFORME ZEDER, 1800 AND ANCYLOSTOMA CANINUM ERCOLANI, 1859. (JA)
S Okoshi Y Murata
Jap J Vet Sci 29(4):177-184 REF
Aug 1967 41.8 J27
Ancylostoma caninum, Ancylostoma tubaeforme, Ancylostomiasis, Animal diseases, Cats, Culture media, Filariasis, Morphology, Nematodes, Parasitism, Rhabditis, Temperature.

Abstract: Eggs of both A.tubaeforme and A.caninum could hatch in water with no feces provided.

15827-69
MICROSPORUM GYPSEUM ISOLATED FROM FELINE RINGWORM. (JA)
S Okoshi A Hasegawa
Jap J Vet Sci 29(4):195-199
Aug 1967 41.8 J27
Animal diseases, Cats, Microsporum gypseum, Mycosis, Parasitism, Ringworm.

15828-69
EPIDEMIOLOGICAL CONSIDERATIONS ON TENIASIS IN THE BIRLAD DISTRICT. (RUM)
I Popa M Costin P Penciu
Microbiol Parazitol Epidemiol 12(1):25
Jan 1967 448.3 M584
Cestodiasis, Echinococcosis, Epidemiology, Livestock diseases, Parasitism, Taenia solium, Taeniasis. French, German, English and Russian summaries

15829-69
THE EFFECT OF SIMULTANEOUS TREATMENT WITH HEXACHLOROPHENE AND NITROXYNIL UPON IMMATURE FASCIOLA HEPATICA IN RATS AND RABBITS.
R J Ray F J Millan
Res Vet Sci 10(5):405-408
Sep 1969 41.8 R312
Drug therapy, Fasciola hepatica, Insect taxonomy, Mallophaga, Methylenebis(3,4,6-trichlorophenol), 2,2'-, Nitroxinil, Rabbits, Rats, Surveys, Zoogeography.

15830-69
PRECIPITATING ANTIBODIES TO INFECTION WITH FASCIOLA HEPATICA IN RABBITS. GEOMETRIDAE). (PART VIII.).
I J Sinclair S B Kendall
Res Vet Sci 10(5):483-485
Sep 1969 41.8 R312
Antibodies, Fasciola hepatica, Geometridae, Insect taxonomy, Precipitin test, Rabbits, Surveys, Zoogeography.

15831-69
SHEEP MEASLES.
W H Stephens
Tasmanian J Agr 40(2):120-121
May 1969 23 T182T
Cysticercus, Disease transmission, Dogs, Drug therapy, Marketing, Sheep, Taenia ovis.

15832-69
PREVENTING HYDATID DISEASE IN HUMANS.
W H Stephens A J Bramble
Tasmanian J Agr 40(2):98-104
May 1969 23 T182T
Disease transmission, Dogs, Echinococcosis, Public health.

15833-69
EFFICACY OF COUMAPHOS AND NAPHTHALOPHOS AGAINST NEMATODES OF LAMBS.
C T Train R G White M F Hansen
Amer J Vet Res 29(12):2331-2335
Dec 1968 41.8 AM3A
Anthelmintics, Coumaphos, Drug therapy, Lambs, Naphthalophos, Nematodes.

COMMODITY PROTECTION

15834-69
SWEET POTATO STORAGE HOUSE STERILIZATION.
H R Garriss L W Nielsen D V Phillips
N C Pesticide Manual 00(00):122
1968 79.8 N81
Mercury, Pesticide application, Sterilization, Storage, Sulfur, Sweet potatoes.

STORAGE DISEASES

15835-69
THE FUNGAL DISEASES OF PEARS AND APPLES DURING STORAGE. I. GENERAL ASPECTS. (FR)
P Bondoux
Ann Epiphyt 18(4):509-545 REF
1967 464.9 F84AN
Alternaria tenuis, Apples, Botrytis cinerea, Fungus diseases (plants), Pears, Phacidiopycnis furfuracea, Plant disease resistance, Sclerotinia fructigena, Storage diseases, Trichoseptoria fructigena. English summary

ARTHROPODS

15836-69
STORAGE INSECTS.
W V Campbell J Falter
N C Pesticide Manual 00(00):118-120
1968 79.8 N81
Chemical control (insects), Corn, Grain, Insecticide application, Insecticides.

15837-69
STORAGE INSECTS.
W V Campbell J Falter
N C Pesticide Manual 00(00):115-117
1967 79.8 N81
Chemical control (insects), Corn, Fumigants, Insect pests, Insecticides, Storage diseases.

15838-69
TERMITES AND POWDER-POST BEETLES.
H B Moore
N C Pesticide Manual 00(00):118
1967 79.8 N81
Chemical control (insects), Chlordane, Dieldrin, DDT, Lindane, Lyctidae, Termites.

15839-69
MOTHS--PEST IN DWELLING PLACES AND NATIONAL ECONOMY. (RUS)
K Touleshkov
Priroda (Sofia) (2,MAR-APR):35-39
Apr 1967 410 P934
Gelechiidae, Household pests, Moths, Pyralidae, Tineidae.

15840-69
HOUSEHOLD PESTS.
C G Wright R L Robertson
N C Pesticide Manual 00(00):82-84
1968 79.8 N81
Chemical control (pests), Chlordane, Diazinon, Dichlorvos, Dieldrin, Household pests, Insecticides, Lindane, Malathion, Surveys.

MICROBIAL CONTAMINATION

15841-69
FURTHER STUDIES ON ROT OF MCINTOSH APPLES HANDLED IN WATER.
G D Blanpied A Purnasiri
Plant Dis Rep 53(10):825-828
Oct 1969 1.9 P69P
Apples, Polyethylene, Rot, Stored products, Water, Waxes.

15842-69
CLINICAL ASPECTS ON A FOOD TOXIINFECTION EPIDEMIC DUE TO A SALMONELLA STRAIN SELDOM REPORTED IN ROMANIA. (RUM)
I Gavrila M Soloviev N Opreanu
Microbiol Parazitol Epidemiol 12(6):537-543
Nov 1967 448.3 M584
Drug therapy, Epidemiology, Food poisoning, Influenza, Salmonella anatum, Salmonella panama, Salmonella typhimurium. English, German, and Russian

15843-69
LEPTOSPIROSIS AMONG THE WORKERS OF THE ENGELS MEAT PLANT. (RUS)
M V Godlevskaya D I Drankin E V Rumyantseva
Zhur Mikrobiol Epidemiol Immunobiol 44(3):114-117
1967 448.3 Z4
Antibodies, Bacteriology, Human diseases, Leptospira canicola, Leptospira grippotyphosa, Leptospira pomona, Leptospirosis, Meat packing industry, Serological tests, Weil's disease, Zoonoses. English summary

15844-69
CASE OF BOTULISM, TYPE E ON SAKHALIN. (RUS)
N D Mazurin A P Merzlyakov
Zhur Mikrobiol Epidemiol Immunobiol 44(3):123-125 REF
1967 448.3 Z4
Botulism, Clostridium botulinum, Food poisoning, Human diseases, Toxicology. English summary

15845-69
FOOD POISONINGS, CAUSED BY C. PERFRINGENS. (RUS)
G I Sidorenko O A Sakharova L S Popova V V Shelakova
Zhur Mikrobiol Epidemiol Immunobiol 44(3):75-78 REF
1967 448.3 Z4
Bacteriology, Clostridium perfringens, Food contamination, Food poisoning, Human diseases. English summary

15846-69
THE EPIDEMIOLOGIC ASPECTS OF SALMONELLOSES IN BUCHAREST. (RUM)
A Telniceanu H Dunareanu C Butoianu C Dumitrescu
Microbiol Parazitol Epidemiol 12(6):525-532 REF
Nov 1967 448.3 M584
Eggs, Epidemiology, Hospitals, Human diseases, Salmonella enteritidis, Salmonella typhimurium, Salmonellosis. English, Russian, and German summaries

ENVIRONMENTAL CONTAMINATION

15847-69
DDT RESIDUE PERSISTENCE IN RED-BACKED SALAMANDERS IN A NATURAL ENVIRONMENT.
J B Dimond R E Kadunce A S Getchell J A Blease
Bull Environ Contamination Toxicol 3(4):194-202
Jul 1968 RA1270.P35A1

Environment, Habitats, Population, Research, Spraying.

15848-69
IMPROVED RE-IGNITION TECHNIQUE FOR FLAME PHOTOMETRIC DETECTORS.
L E Fetzer
Bull Environ Contamination Toxicol 3(4):227-228
Jul 1968 RA1270.P35A1
Air pollution, Chemicals, Chromatography, Equipment, Phosphorus, Photometry, Research, Sulfur.

15849-69
ENDRIN INDUCED TRACE METAL ALTERATIONS FOLLOWING ACUTE EXPOSURE.
C H Lawrence R L Coleman W L Sowell
Bull Environ Contamination Toxicol 3(4):229-239
Jul 1968 RA1270.P35A1
Anatomy, Circulatory system, Endrin, Laboratories, Parameters, Rats, Research, Tables (data).

15850-69
PESTICIDE LEVELS IN FISH OF THE NORTHEAST PACIFIC STOUT, V F.
Bull Environ Contamination Toxicol 3(4):240-246
Jul 1968 RA1270.P35A1
Biology, Drainage, Extracts, Fish, Pesticides, Sampling (statistics), Toxicology.

15851-69
DECOMPOSITION OF HERBICIDES IN THE SOIL. (RUS)
V Rankov
Priroda (Sofia) (5,SEP-OCT):46-47
Oct 1967 410 P934
Degradation, Herbicides, Residues.

RESIDUES

15852-69
ON DECOMPOSITION OF 1-PHENYL-4-AMINO-5-CHLORO-PYRIDAZONE-6 (PYRAZONE) IN SOIL. (GE)
N Drescher
Berlin Biol Bundesanst Land-forstwirtsch Mitt 132(37):73-78
Jan 1969 410.9 G31M
Herbicides, Pyrazon, Soil chemistry. English abstract

15853-69
DIFFUSION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS.
I J Graham-Bryce
J Sci Food Agr 20(8):489-494 REF
Aug 1969 382 SO12
Dimethoate, Disulfoton, Insecticide residues, Organophosphorus compounds, Soil analysis.

15854-69
DEGRADATION OF COMMERCIAL DDT IN SILAGE.
R F Henzell R J Lancaster
J Sci Food Agr 20(8):499-502 REF
Aug 1969 382 SO12
Degradation, DDT, Insecticide residues, Silage.

15855-69
DETERMINATION OF FUMIGANT RESIDUES IN CEREALS AND OTHER FOODSTUFFS: A MULTI-DETECTION SCHEME FOR GAS CHROMATOGRAPHY OF SOLVENT EXTRACTS.
S G Heuser K A Scudamore
J Sci Food Agr 20(9):566-572 REF
Sep 1969 382 SO12
Chemical analysis, Chromatography, Fumigants, Grain, Methodology.

15856-69
PESTICYDE RESIDUES IN FOODSTUFFS IN GREAT BRITAIN. XII. ORGANOCHLORINE INSECTICIDE RESIDUES IN HEN'S EGGS FROM BATTERY, DEEP-LITTER AND FREE-RANGE SYSTEMS AND FROM HOUSES CONTAINING INSECTICIDE THERMAL VAPORISERS.
D C Holmes J H Simmons J O'g Tatton
J Sci Food Agr 20(8):495-498
Aug 1969 382 SO12
Benzene hexachloride, Chickens, Chlorinated hydrocarbons, DDT, Eggs, Insecticide residues.

15857-69
AZINPHOS-ETHYL RESIDUES ON FIELD GROWN TOMATOES.
J T Hughes K G Tate P D Wilson
New Zeal J Agr Res 12(2):417-422
May 1969 23 N4892
Attractants, Azinphosethyl, Colorimetry, Organophosphorus compounds, Pesticide residues, Tomatoes.

15858-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. FOOD ADDITIVES 2,2-DICHLOROVINYL DIMETHYL PHOSPHATE.
J K Kirk
Fed Regist 33(154):11207
08 Aug 1968 L1.451
Agricultural products, Dichlorvos, Food, Food additives, Insecticide residues, Organophosphorus compounds, Pesticides, Raw materials.

15859-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDES CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. O,ODIETHYL S-2-(ETHYLTHIO)ETHYL PHOSPHORODITHIOATE.
J K Kirk
Fed Regist 33(180,PT.1):13007
14 Sep 1968 L1.451
Agricultural products, Chemicals, Disulfoton, Grain, Insecticide residues, Organophosphorus compounds, Pesticides, Plant biochemistry, Wheat.

15860-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICAL.
J K Kirk
Fed Regist 33(180,PT.1):13043
14 Sep 1968 L1.451
Agricultural products, Apples, Chemicals, Chromatography, Insecticide residues, Pesticides, Plant biochemistry, Tetrasul.

15861-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDES.
J K Kirk
Fed Regist 33(123):9312
25 Jun 1968 L1.451
Butylphenoxy)cyclohexyl 2-propynyl sulfite, 2-(p-tert-, Fruit, Insecticide residues, Walnuts.

15862-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDES.
J K Kirk
Fed Regist 33(123):9312
25 Jun 1968 L1.451
Binapacryl, Cucumbers, Fruit, Fungicides, Insecticide residues, Melons.

15863-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. CERTAIN SURFACTANTS IN PESTICIDE FORMULATIONS; EXTENSION OF TIME FOR FILING COMMENTS ON PROPOSAL TO EXEMPT FROM REQUIREMENT OF TOLERANCES.
J K Kirk
Fed Regist 33(143):10528
24 Jul 1968 L1.451
Agricultural products, Agricultural regulation, Chemicals, Food plants, Formulations, Pesticide residues, Pesticides, Raw materials, Surface-active agents.

15864-69
ALPHA,ALPHA,ALPHA-TRIFLUORO-2,6-DINITRO-N,N-DIPROPYL-PTOLUIDINE. NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICAL.
J K Kirk
Fed Regist 33(131):9788
06 Jul 1968 L1.451
Agricultural chemistry, Herbicides, Trifluralin.

15865-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. O,O-DIMETHYL S-(4-OXO-1,2,3-BENZOTRIAZIN-3(4H)-YLMETHYL) PHOSPHORODITHIOATE.
J K Kirk
Fed Regist 33(134):9953-9954
11 Jul 1968 L1.451
Agricultural products, Azinphosmethyl, Chemicals, Food, Grain, Insecticide residues, Meat, Milk, Pesticides, Plant biochemistry, Plant hardiness, Raw materials, Vegetables.

15866-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICALS.
J K Kirk
Fed Regist 33(155):11365
09 Aug 1968 L1.451
Agricultural regulation, Chromatography, Coumaphos, Eggs, Insecticide residues, Organophosphorus compounds, Toxicology.

15867-69
NOTICE OF WITHDRAWAL OF PETITION REGARDING PESTICIDE CHEMICAL.
J K Kirk
Fed Regist 33(134):9968
11 Jul 1968 L1.451
Barban, Food, Grain, Herbicide residues.

15868-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES, MALATHION.
J K Kirk
Fed Regist 33(133):9880
10 Jul 1968 L1.451
Agricultural products, Chemicals, Grain, Insecticide residues, Malathion, Organophosphorus compounds, Pesticides, Sorghum.

15869-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. O-ODIETHYL O-3-CHLORO-4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL PHOSPHOROTHIOATE.
J K Kirk
Fed Regist 33(169):12187
29 Aug 1968 L1.451
Agricultural legislation, Agricultural products, Agricultural regulation, Coumaphos, Eggs, Insecticide residues, Meat, Milk, Organophosphorus compounds, Toxicology.

15870-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. TRIFLURALIN.
J K Kirk
Fed Regist 33(146):10713
27 Jul 1968 L1.451
Agricultural legislation, Agricultural products, Agricultural regulation, Fruit, Herbicide residues, Nuts, Raw materials, Toxicology, Trifluralin, Vegetables.

15871-69
TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES. STREPTOMYCIN.
H L Ley
Fed Regist 33(146):10714
27 Jul 1968 L1.451
Agricultural legislation, Agricultural products, Agricultural regulation, Apples, Fire blight, Pears, Pesticide residues, Raw materials, Streptomycin, Toxicology.

15872-69
PERSISTENCE AND EFFECTIVENESS OF THIONAZIN AGAINST POTATO APHIDS ON THREE SOILS IN SOUTHERN ENGLAND.
B F Pain R F Skrentny
J Sci Faod Agr 20(8):485-488 REF
Aug 1969 382 SO12
Aphididae, Insecticide residues, Myzus persicae, Soil analysis, Thionazin.

15873-69
PERSISTENCE OF bHC (HEXACHLOROCYCLOHEXANE) ON TOMATO CROP (LYCOPERSICON ESCULENTUM MILL.).
R K Rajoo
Indian J Agr Sci 39(1):41-43
Jan 1969 22 AG831
Benzene hexachloride, Residues, Tomatoes.

TOXICOLOGY

15874-69
DETERMINATION OF AFLATOXINS IN FOOD BY ABSORPTION SPECTROMETRY.
C Agthe W Lijinsky D Oremus
Faad Casmet Toxical 6(5):627-631 REF
Dec 1968 391.8 F73
Aflatoxin, Chromatography, Food analysis, Fungus diseases (plants), Plant physiology, Populus nigra, Spectrophotometry.

15875-69
TOXICITY OF INSECTICIDES AND FUMIGANTS TO MAMMALS.
Anonymous
N C Pesticide Manual 00(00):5-8
1967 79.8 N81
Accidents, Fumigants, Insecticides, Mammals, Toxicology.

15876-69
SOME QUANTITATIVE ASPECTS OF THE PHYTOTOXICITY OF MONOTERPENES.
R O Asplund
Weed Sci 17(4):454-455
Oct 1969 79.8 W41
Chemical analysis, Chemical control (weeds), Oats, Phytotoxicity, Plant physiology, Quantitative analysis, Radishes, Terpenes, Wheat.

15877-69
DIETARY PROTEIN AND DDT TOXICITY.
E M Boyd C J Krijnen
Bull Environ Contamination Toxicol 4(5):256-261 REF
Oct 1969 RA1270.P35A1
Animal nutrition, Animal physiology, Chlorinated hydrocarbons, DDT, Insecticides, Proteins, Rats, Statistical analysis, Toxicology.

15878-69
THE HARM OF INSECTICIDES FOR NON-TARGET ORGANISMS. (RUS)
Priroda (Sofia) (1,JAN-FEB):54-55
Feb 1967 410 P934
Animals, DDT, Toxicology.

15879-69
INSECTICIDAL ACTIVITY OF PYRETHRINS AND RELATED COMPOUNDS. II. RELATIVE TOXICITY OF ESTERS FROM OPTICAL AND GEOMETRICAL ISOMERS OF CHRYSANTHEMIC, PYRETHRIC AND RELATED ACIDS AND OPTICAL ISOMERS OF CINEROLONE AND ALLETHROLONE.
M Elliot P H Needham C Potter
J Sci Food Agr 20(9):561-565 REF
Sep 1969 382 SO12
Acids, Allethrin, Dysdercus fasciatus, Esters, Insecticides, Musca domestica, Pyrethrum, Tenebrio molitor, Toxicology.

15880-69
TOLERANCE OF COTTON TO DIURON, FLUOMETURON, NOREA, AND PROMETRYNE.
Y Eshel
Weed Sci 17(4):492-496
Oct 1969 79.8 W41
Cotton, Dimethyl-3-(alpha,alpha,alpha-trifluoro-m-tolyl)urea, 1,1-, Diuron, Herbicides, Norea, Phytotoxicity, Prometryne.

15881-69
CHEMICALS FOR CONTROL OF PLANT DISEASES.
H R Garriss J C Wells
N C Pesticide Manual 00(00):15-17
1968 79.8 N81
Accident prevention, Field crops, Fruit, Fumigants, Insecticides, Lethal dose, Literature, Mammals, Surveys, Toxicology, Vegetables.

15882-69
PHYTOTOXICITY OF METHYL BROMIDE TO SOME PLANT HOSTS OF SAN JOSE SCALE.
K G Gostick
Plant Pathal 18(2):94-96
Jun 1969 464.8 P692
Apples, Chlorinated hydrocarbons, Currants, Fumigants, Methyl bromide, Pears, Phytotoxicity, Plums, Rosa, Temperature.

15883-69
EXPERIMENTAL STUDIES ON SULFADIMETHOXINE IN FOWLS. II. PLASMA CONCENTRATION IN HENS AND CHICKS GIVEN A DIET OR DRINKING WATER CONTAINING THE SULFA DRUG. (JA)
A Kasahara T Onodera Y Oshima
Jap J Vet Sci 29(5):227-231
Oct 1967 41.8 J27
Animal nutrition, Blood plasma, Chickens, Drug therapy, Feed additives, Poultry, Sulfadimethoxine, Sulfamerazine.

15884-69
WEED CONTROL.
W M Lewis A B Rogerson W A Skroch A D Worsham H D Coble
N C Pesticide Manual 00(00):23-38
1968 79.8 N81
Accident prevention, Chemical control (weeds), Herbicide application, Herbicides, Mammals, Nomenclature, Pesticide residues, Surveys, Toxicology, Weed control.

15885-69
PRELIMINARY NOTE ON THE ESTROGENIC EFFECTS OF ALDRIN ON THE UROGENITAL SYSTEM OF BIRDS. (FR)
Y Lutz-Ostertag H Lutz
Acad Sci Compt Rend Ser D 269(4, 2ND SEMESTER):484-486
28 Jul 1969 505 P21
Aldrin, Birds, Chlorinated hydrocarbons, Embryology, Estrogens, Hormones, Urogenital system.

15886-69
DDT: INHIBITION OF AN ATP-ASE IN THE RAT BRAIN.
F Matsumura T A Bratkowski K C Patil
Bull Environ Contamination Toxicol 4(5):262-270 REF
Oct 1969 RA1270.P35A1
Adenosine triphosphatase, Biochemistry, Brain, DDT, Electron microscopy, Inhibitors, Insecticides, Ions, Rats.

15887-69
EFFECTS OF HERBICIDES ON rNA AND PROTEIN SYNTHESES.
D E Moreland S S Malhotra R D Gruenhagen E H Shokraii
Weed Sci 17(4):556-563 REF
Oct 1969 79.8 W41
Corn, Dinoseb, Herbicides, Ioxynil, Plant metabolism, Propanil, Proteins, Ribonucleic acid, Synthesis.

15888-69
STUDIES ON THE MECHANISMS OF THE MONOFLUOROACETANILIDES POISONING TO MAMMALS. VIII. ORGANOPHOSPHORUS COMPOUNDS AS A SPECIFIC INHIBITOR TO FLUOROACETANILIDE AMIDOHYDROLASE.
T Nakamura T Ueda
Agr Biol Chem 31(11):1288-1293 REF
Nov 1967 385 AG8B
Acetanilide compounds, Chickens, Mammals, Organophosphorus compounds, Poisoning, Toxicology.

15889-69
ACUTE SUPERPHOSPHATE POISONING OF CATTLE AND SHEEP. (RUS)
M D Rapeanu A Georgescu E Crainiceanu
Rev Zootech Med Vet 18(4):54-61
Apr 1968 49 P943
Anatomy, Cattle, Feed toxicity, Fertilizers, Poisoning, Sheep, Superphosphates, Veterinary medicine. French and English summary

PLANT PHYSIOLOGY & BIOCHEMISTRY

15890-69
DIFFERENTIAL SENSITIVITIES TO GAMMA RADIATION OF PHYLLOXERA GALL AND NORMAL GRAPE STEM CELLS IN TISSUE CULTURE.
H C Arya A C Hildebrandt
Can J Bot 47(10):1623-1628
Oct 1969 470 C16C
Gamma rays, Grapes, Phylloxera, Plant physiology, Tissue culture.

15891-69
CHYTIDS AND ALGAE. II. FACTORS INFLUENCING PARASITISM OF RHIZOPHYDIUM SPHAEROCARPUM ON SPIROGYRA.
J S Barr C J Hickman
Can J Bot 45(4):431-440
Apr 1967 470 C16C
Algae, Fungi, Parasitism, Plant physiology, Temperature.

15892-69
DOUBLE AND MULTIPLE EARED WINTER RYE AS A RESULT OF ABNORMAL EFFECTS OF WEED CONTROLLERS CONTAINING CALCIUM CYANAMIDE. (GE
C Buhl
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(3):146-151
Mar 1968 464.8 Z3
Calcium cyanamide, Chemical control (weeds), Environment, Plant abnormalities, Plant morphology, Rye.

15893-69
TESTS WITH THE REGULATOR CCC AS A MEANS OF EFFECTIVE UTILIZATION OF LARGE DOSES OF ARTIFICIAL NITROGEN FERTILIZER. (CZ)
F Duchon L Kopecky
Praze Sb Vysoke Sk Zemed (SER A):157-166 REF
1966 S13.P72
Chloroethyl)trimethylammonium chloride, (2-, Dosage, Fertilizers, Nitrogen, Plant physiology, Plant proteins, Plant regulators, Urea compounds, Wheat. German and Russian summaries.

15894-69
TEMPERATURE AND THE SYNTHESIS OF VIRAL PROTEIN MATERIAL IN NICOTIANA XANTHI N. C. INFECTED WITH TOBACCO MOSAIC. (FR
S Gianinazzi J-C Vallee
Acad Sci Compt Rend Ser D 269(5, 2ND SEMESTER):593-595
04 Aug 1969 505 P21
Metabolism, Plant biochemistry, Temperature, Tobacco, Tobacco mosaic virus.

15895-69
LIFE CYCLES OF FIELD PENNYCRESS IN THE SUBARCTIC AS INFLUENCED BY TIME OF SEED GERMINATION.
L J Klebesadel
Weed Sci 17(4):563-566
Oct 1969 79.8 W41
Cruciferae, Seed germination.

15896-69
PHYSIOLOGY OF THICK-WALLED SPORES OF SOIL-BORNE PLANT PATHOGENIC FUNGI. I. RESPIRATION AND GERMINATION OF HELMINTHOSPORIUM SATIVUM AND H. PEDICELLATUM SPORES.
D E Mathre
Can J Bot 47(10):1513-1520 REF
Oct 1969 470 C16C
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R Scalla C Martin R Meignoz B Lhoste
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J J Sexsmith
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J Shen-Miller P Cooper S A Gordon
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B Sivak M Shaw
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V Stoy A Hagberg
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B V Velev
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R I Asai W E Westlake F A Gunther
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P H Martens
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IMPROVED EXTRACTION PROCEDURE FOR 2,3,5-TRIIODOBENZOIC ACID FROM MILK AND MILK PRODUCTS.
C E McGee G S Born J E Christian B J Liska
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J G Saha Y W Lee
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Effect of stage of growth of field bindweed on absorption and translocation of C-14-labeled 2,4-D and picloram.
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Distribution of root-absorbed picloram.
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The mosquitoes of the Dar-es-Salaam area, Tanzania, with special reference to Aedes (Stegomyia) species and the epidemiology of yellow fever.
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